

OCTOBER 2021

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Master in Current Affairs

For All Competitive Exams

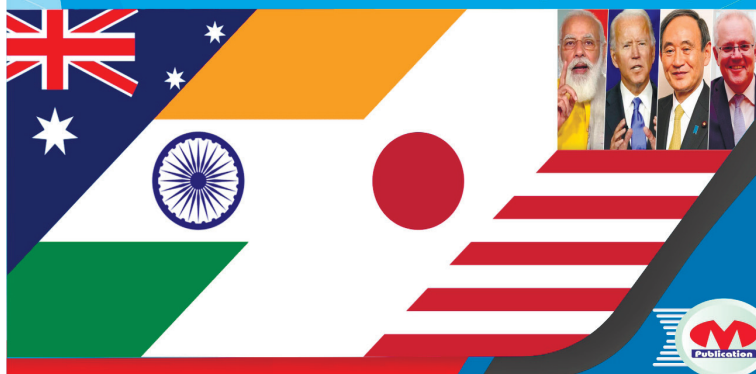
MODEL PAPER 2021

- ✓  IBPS CLERK MAINS
- ✓  SSC GD CONSTABLE

Pandora Papers



Quadrilateral Security Dialogue



Mahendra Publication Pvt. Ltd.

Climate
Change



TOP NOTCH CAPTIVATORS OF THE MONTH

1



Olympic gold medallist Neeraj Chopra to be brand ambassador of Tata AIA Life Insurance.

Haryana Government appointed Femina Miss Grand India-2021 Manika Sheokand as the goodwill ambassador for Water Conservation Campaign.



2

3



Fairooz Faizah Beether of Bangladesh has been chosen for the 2021 Changemaker Award.

Piyush Goyal appointed as India's Sherpa for G20.



4

5



Income of farmers witness 59 % surge in 2019: Survey.

India and Kazakhstan joint military exercise 'KAZIND-21' begins.



6

7



New Development Bank approves Bangladesh as a new member.

Dale Steyn announces retirement from all forms of cricket.



8

9



Harmilan Kaur Bains breaks Sunita Rani's national record in 1500m race.

Pankaj Advani wins Asian Snooker Championship 2021.



10



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Climate Change



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Editorial



“Everything you’ve ever wanted is on the other side of fear.”

- George Addair

Dear Aspirants,

We feel delighted to present to you the "**October 2021**" edition of "Master in Current Affairs". MICA is a comprehensive magazine focused on both the intellectual and competitive nature of learning. Apart from the competitive edge, MICA is intended to provide you with a vision of self-enhancement. MICA includes highly acclaimed sections such as, Newsletters, News Diary, One Liner, World of English, which are directly related to your preparation for competitive examinations. Chalte - Chalte is one of the most steering elements of MICA on the go, which is mentioned below every page. This edition creates a forum where all candidates and guidance personnel can meet the important issues of this month which may play a vital role in the forthcoming examination. The important topics covered in this edition are:

Climate Change- Human-induced climate change includes both global warming driven by emissions of greenhouse gases and the resulting large-scale shifts in weather patterns. Though there have been previous periods of climatic change, since the mid-20th century humans have had an unprecedented impact on Earth's climate system and caused change on a global scale.

Quadrilateral Security Dialogue- The Quadrilateral Security Dialogue (QSD, also known as the Quad or QUAD) is a strategic dialogue between the United States, India, Japan and Australia that is maintained by talks between member countries. The dialogue was initiated in 2007 by Japanese Prime Minister Shinzo Abe, with the support of U.S. Vice President Dick Cheney, Australian Prime Minister John Howard, and Indian Prime Minister Manmohan Singh. The dialogue was paralleled by joint military exercises of an unprecedented scale, titled Exercise Malabar.

Pandora Papers- The Pandora Papers are 11.9 million leaked documents (comprising 2.9 terabytes of data) that were published by the International Consortium of Investigative Journalists (ICIJ) beginning on 3 October 2021.

In this edition as a wish for your bright and prosperous future we are providing "**IBPS CLERK MAINS MODEL PAPER 2021**" and "**SSC GD CONSTABLE MODEL PAPER 2021**" for your self-assessment. You can also test your Current Affairs by visiting the Quiz Time section for self-assessment, which includes all possible multiple-choice questions from the current affairs of this month. To serve you better we will diligently serve you our level best with various new topics and news that is important from the examination point of view.

Best of luck for your exams.

Your suggestions will be highly valuable and welcomed.

With Best Wishes

Editor : N.K. Jain

"Your Success is Our Success"

PERSONAL DETAILS**Pratyush Shanu****Father's Name** : Mr. Mukesh Prasad Srivastava**Mother's Name** : Mrs. Archana Sinha**Hobbies** : Cricket**Prior Selection** : None**Name of the Exam** : SBI**Roll No. of Qualified Exam** : 4401032884**Roll No. of Mahendra Institute** : PBR1191539232**MICA** : How did you prepare for the examination?**Pratyush** :**English Language**

Gave as many mocks as possible.
Revised two time each english portion of test.

Reasoning Ability & Computer Knowledge

Tried the difficult puzzles as much as I can. Moved myself from easy questions to hard questions only.

Numerical Ability

Gave more and more hard difficulty level maths sectional test. DI and Miscellaneous questions, I gave most attention.

General Awareness

Read all the MCQ's of MICA also prepared from different websites.

MICA : What would you say about "Master in Current Affairs" Magazine (MICA) and Mahendra's Website?**Pratyush** : MICA is very useful. As the exams are conducted online, digital contents are must to be followed.**MICA** : What is the best thing about our coaching institute, according to you?**Pratyush** : Right path shown to the beginners.**MICA** : What is the role of "Time Management" in one's success?**Pratyush** : To do appropriate action at appropriate time make one successful.**MICA** : How did you prepare for the Interview?**Pratyush** : Mahendra's mock interview classes.**MICA** : Tell us about the Interview Board and the questions asked?**Pratyush** : About Mahendra, trade and current affairs.**The questions asked were:**

- I. What is Fiscal Deficit?
- II. Graduation's subject questions (PCM). How does a plane work?
- III. What is electrolyte? Semiconductor, etc.
- IV. What if I am not selected in SBI. I told them I am confident that I will make it.

MICA : From whom did you get information of your selection and what was your reaction?**Pratyush** : From IBPS official site and very excited because I have done so much hard work.**MICA** : What message do you want to convey to other aspirants?**Pratyush** : Keep patience, workhard, smart work to choose questions.**MICA** : Congratulations! once again on your success. Your success is our success.**Pratyush** : Thank You!**MICA** : Mahendra's family expresses its heartfelt congratulations on your success.**Pratyush** : Thank You!**MICA** : To whom do you want to give the credit of your selection?**Pratyush** : To start off the preparation with Mahendra's Team was a boosting beginning.**MICA** : After how many attempts did you succeed in this examination?**Pratyush** : It was my 8th attempt.**MICA** : What is the role of Mahendra's institute in your selection?**Pratyush** : Mahendra's faculty and ST portal are a booster guidance for anyone to begin with in my selection Mahendra's team was major mentor to clear my concepts of each topic.

Air pollution is one of the biggest environmental threats to human health alongside climate change, the World Health Organisation said as it released its new air quality guidelines for the first time since its last global update in 2005.

ONE Liner

PERSONS IN NEWS

- ✎ Noted artist Nelliya Vasudevan Namboodiri passed away, he was related to which dance?
- **Kathakali**
- ✎ Man Kaur, who died of a heart attack, is a sprinter from which city?
- **Chandigarh**
- ✎ Recently Padma Sachdev has been passed away, she was related to which profession?
- **Writer**
- ✎ Who has flag-bearer for India at the closing ceremony in Tokyo Olympics 2020?
- **Bajrang Punia**
- ✎ Recently the Keshava Rao has been passed away, he was related to which profession?
- **Judge**
- ✎ Which State has appointed Olympic 2020 hockey player Vivek Sagar as DSP?
- **Madhya Pradesh**
- ✎ Who has been appointed coach of Indian senior women's football team?
- **Thomas Dennerby**
- ✎ Saranya Sasi, who passed away, belongs to which profession?
- **Actor**
- ✎ Neuberger Diagnostics appointed to whom as global brand ambassador?
- **MS Dhoni**
- ✎ Who has appointed as the brand ambassador for Amway and its Nutrilite range of products?
- **Mirabai Chanu**
- ✎ Which state has appointed Vandana Kataria the brand ambassador of Department of Women Empowerment and Child Development?
- **Uttarakhand**
- ✎ Who has been appointed secretary of Information and Broadcasting?
- **Apurva Chandra**
- ✎ Recently Kalyana Singh passed away, he was Governor of which State?
- **Rajasthan**
- ✎ La Ganesan has been appointed as the Governor of which state?
- **Manipur**
- ✎ Recently Gail Omvedt has been passed away, she was related to which profession?
- **Author**
- ✎ Who has been appointed the new Director General of BSF?
- **Pankaj Kumar Singh**

- ✎ Who has been appointed the new Director General of ITBP?
- **Sanjay Arora**
- ✎ Who has taken over as the Controller General of Accounts (CGA) under the Department of Expenditure the Finance Ministry?
- **Deepak Das**

AWARDS

- ✎ Which film has been nominated for the "Indian Film Festival of Melbourne Awards" 2021?
- **'Lion', 'Ludo' and 'Soorai Potru'**
- ✎ Which State Government has announced to give one crore rupees award to each player included in the bronze medal winning team?
- **Punjab**
- ✎ Recently government has decided to change the name of India's highest sports honor "Rajiv Gandhi Khel Ratna Award", what is the new name of this sports honor?
- **Major Dhyan Chand Khel Ratna Award**
- ✎ Who will be awarded this year's Chief Minister's "Police Medal for Outstanding Service" by the West Bengal government on Independence Day?
- **Soumen Mitra**
- ✎ The National Youth Awards 2017-18 and 2018-19 will be conferred in which city?
- **Delhi**
- ✎ Which state has been won 7 national awards under Van Dhan scheme 2020-21?
- **Nagaland**

SCHEMES AND LAUNCHES

- ✎ Recently Cabinet approved continuation of "Samagra Shiksha Scheme" for School Education for which period?
- **1st April, 2021 to 31st March, 2026**
- ✎ Which State has been launched the "Makkalai Thedi Maruthuvan scheme"?
- **Tamil Nadu**
- ✎ Which district of Uttar Pradesh Prime Minister Narendra Modi has launched the second phase of "Pradhan Mantri Ujjwala Yojana"?
- **Mahoba**

Akanksha Kumari, a mining graduate has joined the Churi underground mines, in North Karanpura area of Central Coalfields Limited (CCL). In the process, she became the first woman Mining Engineer to join CCL.

- ✎ Which state would provide smart health cards to 3.5 crore people in the State under "Biju Swasthya Kalyan Yojana"? - **Odisha**
- ✎ The central government has set a target of setting up how many Pradhan Mantri Jan Aushadhi Kendras across the country by March 2025? - **10,500**
- ✎ Which State has launched "Har Hit Store"? - **Haryana**
- ✎ How many users has been connected till August 2021 with the "Jan Aushadhi Sugam App"? - **10.70 lakh users**
- ✎ "Vriksharopan Abhiyan - 2021" is related to which ministry? - **Ministry of Coal**
- ✎ Project BOLD (Bamboo Oasis on Lands in Drought) launched by which organisation? - **Khadi and Village Industries Commission**
- ✎ Who has launched "Amrit Mahotsav Shri Shakti Challenge-2021"? - **Ashwini Vaishnav**
- ✎ Recently who has launched ambulance service for stray animals? - **New Delhi Municipal Council**
- ✎ BRO has restored connectivity at "Yarlung-Lamang road" in which State? - **Arunachal Pradesh**
- ✎ Krishikarna project, has been launched by which State? - **Kerala**
- ✎ In which State Rashmi became the first student of Birhor tribe to pass the 12th class board examination? - **Jharkhand**
- ✎ The education ministry is considering a request to declare the "Paika rebellion" as the first freedom struggle, in which state the "Paika rebellion" took place? - **Odisha**
- ✎ Who has again sworn in as chairman of "Tirumala Tirupati Devasthanam (TTD) Board"? - **YV Subbareddy**
- ✎ Who has been flags off IndiGo's "Bareilly-Mumbai flight"? - **Jyotiraditya Scindia**
- ✎ Vrushka Bandhan Project is being organized in which city? - **Aurangabad**
- ✎ Which high court has gave direction to the benefit of maternity leave to the contractual female employee of the state? - **Madhya Pradesh High Court**
- ✎ Which High Court has gifted the people e-court vans? - **Uttarakhand High Court**
- ✎ Which Police has caught more than 10000 wanted criminals by running a special operation? - **Rajasthan Police**
- ✎ Recently which sanctuary has started 'Night Safari' (tourists ride in the jungle at night by jeep) as a major center of wild tourism? - **Ralamandal Sanctuary**
- ✎ Recently launched "Operation Blue Freedom" is being taken in which area? - **Siachen**
- ✎ Who has been flags-in climb-a-thon organised as part of 'Azadi ka Amrit Mahotsav'? - **Rajnath Singh**
- ✎ Which government presented a supplementary budget of Rs 7301.52 crore in the assembly for the financial year 2021-22? - **Uttar Pradesh**
- ✎ Recently which state has announced the creation of four new districts in the state? - **Chhattisgarh**
- ✎ Which state/ UT will host the first edition of The "Himalayan Film Festival 2021"? - **Ladakh**
- ✎ How many "Hunar Haats" will be organized across the country under "Azadi Ka Amrit Mahotsav"? - **75**
- ✎ Which season of the popular series "Rag Rag Mein Ganga" has been launched? - **2nd season**

NATIONAL & STATE

- ✎ Recently Hotline established between armies of India and China in which State? - **Sikkim sector**
- ✎ Recently Army helicopter crashes in "Ranjit Sagar Dam", in which State this dam is located? - **Punjab**
- ✎ Kuthiran Tunnel is in which state? - **Kerala**
- ✎ Prime Minister Shri Narendra Modi has launched which payment solution? - **e-RUPI**
- ✎ Which India's first indigenously built aircraft carrier begins sea trials? - **Vikrant**
- ✎ Qazigund-Banihal tunnel opened for traffic testing, it is situated in which state? - **J & K**
- ✎ Recently which state announced Rs 11,500 crore package for flood victims, repair works? - **Maharashtra**
- ✎ Who has the one-stop passenger helpline launched by Indian Railway? - **Rail Madad**
- ✎ Which KVIC has launched two new products 'Use and Throw'? - **Khadi babywear and "handmade paper"**

Amid ongoing Naga peace process, the Centre and the Niki Sumi-led group of the National Socialist Council of Nagaland-Khaplang (NSCN-K) signed a ceasefire agreement for one year, till September 7, 2022.

CURRENT AFFAIRS | One Liner

INTERNATIONAL

- ✎ Which country has the president of the United Nations Security Council (UNSC) from 1 August 2021?
- **India**
- ✎ Karaikal-Kankesanthurai is a ferry service of India with which country?
- **Sri Lanka**
- ✎ What is the rank of India in terms of the "impact from automation"?
- **5th**
- ✎ Ismail Haniyeh has been re-elected as leader of which Islamist group?
- **Hamas**
- ✎ Enforcement Directorate issued Rs 10,600 cr notice to which company for violating FEMA?
- **Flipkart**
- ✎ From which country Covaccine received Good Manufacturing Practices (GMP) certificate?
- **Hungary**
- ✎ Who has addressed the "G20 Research Ministers" Meeting virtually?
- **Subhas Sarkar**
- ✎ Which country has become the fifth country to sign up with the ISA?
- **Germany**
- ✎ Recently which country has calls "all capable" citizens to fight in Tigray war?
- **Ethiopia**
- ✎ Which country has the highest data consumption per person per month?
- **India**
- ✎ Recently which country's Prime Minister Muhyiddin Yasin resigned?
- **Malaysian**
- ✎ Recently in which country a powerful 7.2-magnitude earthquake hit, and killed 1,297 people?
- **Haiti**
- ✎ Recently India announced new category of visas for which country?
- **Afghanistan**
- ✎ Which social media company has continues ban of Taliban-related content?
- **Facebook**
- ✎ Recently India has approved Memorandum of Understanding on "cooperation in the field of Disaster Management, Resilience and Mitigation with which country?
- **Bangladesh**
- ✎ Who has participated in Shanghai Cooperation Organization (SCO) Culture Ministers' meeting hosted by Tajikistan?
- **Arjun Ram Meghwal**
- ✎ Which country has partially shut down the world's third-busiest container port after a worker there tested positive for Covid-19?
- **China**
- ✎ According to the World Food Program in which country currently 14 million people out of 39 million people are facing severe hunger?
- **Afghanistan**

- ✎ Which country has passed a new online privacy law?
- **China**
- ✎ Which country has approved to ratify the Kigali Amendment to the Montreal Protocol?
- **India**

FINANCIAL AWARENESS

- ✎ Which bank has listed as "agency bank" by RBI?
- **IndusInd Bank**
- ✎ Which bank has selected Infosys Finacle's cloud based digital banking solution?
- **UnionBank of the Philippines**
- ✎ Which bank has approved a USD 300 million loans for rural connectivity project in Maharashtra?
- **ADB**
- ✎ The Indian Navy has inked a MoU with which bank to initiate "Honour FIRST"?
- **IDFC**
- ✎ RBI has roped in which player in the public awareness campaign to warn people against "digital banking frauds"?
- **Neeraj Chopra**
- ✎ Tata Motors ties up with which bank for "financing" of passenger vehicles?
- **Bank of Maharashtra**
- ✎ Who has to win the final of the "National Bank Open – Women's Singles" tennis tournament 2021?
- **Camila Giorgi**
- ✎ Which bank has introduced an annual the "financial inclusion index" (FI-Index) to measure and improve the extent of financial inclusion in the country?
- **Reserve Bank of India**
- ✎ In which state, the Karnala Nagari Sahakari Bank Limited, whose license was cancelled by RBI?
- **Maharashtra**
- ✎ RBI partially lifts ban on which bank, allows selling of credit cards?
- **HDFC Bank**
- ✎ Which bank has announced the introduction of "Green & Sustainable Deposits" to safeguard the environment from climate change?
- **HDFC Bank**
- ✎ Recently which bank has launched its flagship Business Mentoring Programme "MSME Prerana" in West Bengal?
- **Indian Bank**
- ✎ Which bank has launched a new "Cybersecurity Multi-Donor Trust Fund"?
- **World Bank**
- ✎ How much amount Hindalco to invest in its three plants?
- **Rs 10,000-20,000 cr**
- ✎ How much has been crude steel production in July 2021 of Jindal Steel and Power Limited?
- **6.5 lakh tonnes**

SPORTS

- ✎ PV Sindhu won the bronze medal at the Tokyo Olympics 2020, she is related to which sport?
- **Badminton**
- ✎ Who has won the Bharat Kesari Wrestling Danga 2021 organised in Tamil Nadu? - **Labhanshu Sharma**
- ✎ Lovlina Borgohain has won a bronze medal in Olympics 2020, related to which sport?
- **Boxing**
- ✎ India won the bronze medal at the Tokyo Olympics 2020 after 41 years by defeating which country 5-4 in a thrilling hockey match? - **Germany**
- ✎ Which country has received highest gold medal in Tokyo Olympic 2020? - **United State of America**
- ✎ How many total medal received by India in Tokyo Olympics 2020? - **7**
- ✎ Jan-Krzysztof Duda of which country won the 2021 FIDE World Cup? - **Poland**
- ✎ Who has won "Barcelona Open chess tournament" 2021? - **SP Sethuraman**
- ✎ Who has overtook Anil Kumble to become the third-highest wicket-taker in Test cricket?
- **James Anderson**
- ✎ In which country the under-20 World Athletics Championship 2021? - **Kenya**

SCIENCE AND TECHNOLOGY

- ✎ Recently which new courses CBSE has introduced for skill education in line with the provisions of the National Education Policy?
- **'Coding' and 'Data Science'**
- ✎ Which space agency launched "Eutelsat Quantum" into space? - **Roscosmos**
- ✎ DefExpo 2022 is to be held in which State?
- **Gujarat**
- ✎ How much total budget has approved by government for "Deep Ocean Mission" for 5 years during the period 2021-2026? - **Rs. 4077 Cr**
- ✎ In which city the NGO recycled 6772 metric tonnes of plastic waste in three years? - **Dehradun**
- ✎ Recently which mission has detected the presence of water molecules on the Moon? - **Chandrayaan-2**
- ✎ Which organization has attempted to launch 'EOS-03' satellite that help in monitoring natural disaster?
- **ISRO**

- ✎ Union Education Minister Dharmendra Pradhan has virtually inaugurated the "Centre for Research and Innovation in Artificial Intelligence" set up at which IIT?
- **IIT Hyderabad**
- ✎ Recently Centre has launched "e-Shram portal" related to which?
- **National Database on Unorganized Workers**
- ✎ What is the name of the chatbot developed by Bharat Petroleum Corporation Ltd? - **Urja**
- ✎ India is going to have how many new earthquake Observatories by the end of 2021?
- **35**

MISCELLANEOUS

- ✎ Every year, "World Ranger Day" is observed on which date? - **01-Aug**
- ✎ U.S. Coast Guard Day has been observed on which date? - **04-Aug**
- ✎ On which day "World Tribal Day" has been celebrated?
- **09-Aug**
- ✎ On which day the "World Biofuel Day" is observed?
- **10-Aug**
- ✎ On which date "the International Youth Day" is celebrated every year? - **12-Aug**
- ✎ Who has celebrated Independence Day as "Kisan Mazdoor Azadi Sangram Diwas"?
- **Sanyukt Kisan Morcha**
- ✎ Which organisation has flagged off the 1,993 km long freedom rally "Cyclothon 2021" from Jammu to Gujarat as part of the "Fit India" campaign on the 75th Independence Day? - **Border Security Force**
- ✎ World Elephant Day has been celebrated on which date? - **Aug-12**
- ✎ Recently which naval ship has participated in 4-day Maritime Partnership Exercise in Bahrain?
- **INS Kochi**
- ✎ On which day the "World Mosquito Day" has been celebrated? - **20-Aug**
- ✎ When is the "International Day in Commemoration of the Victims of Acts of Violence Based on Religion or Belief" observed all over the world?
- **22-Aug**
- ✎ Who has authored the book titled- The Dream of Revolution: A Biography of Jayaprakash Narayan?
- **Bimal Prasad**

Bangladesh economy is projected to grow at 6.8 percent for the fiscal year 2022, says the latest Asian Development Outlook (ADO) 2021 released by the Asian Development Bank (ADB).

SPOTLIGHT | ALL THAT MATTERS

ABBREVIATIONS

DJIA	: Dow Jones Industrial Average
NDA	: Non-Disclosure Agreement
CAPEX	: Capital Expenditures
ECOSOC	: Economic and Social Council
UNHCR	: United Nations High Commissioner for Refugees
LRS	: Liberalised Remittance Scheme
C-DOT	: Centre for Development of Telematics
ISTM	: Institute of Secretariat Training & Management
NMDC	: National Mineral Development Corporation Ltd.
NHPC	: National Hydroelectric Power Corporation

IMPORTANT DAYS AND DATES

1 October	International Day of the Older Persons
2 October	Gandhi Jayanti
2 October	International Day of Non-Violence
5 October	World Teachers' Day
8 October	Indian Air Force Day
11 October	International Day of the Girl Child
15 October	World Students' Day
16 October	World Food Day
16 October	World Anaesthesia Day
17 October	International Day for the Eradication of Poverty
20 October	World Statistics Day
31 October	National Unity Day

ECONOMIC GLOSSARY

Tax Havens

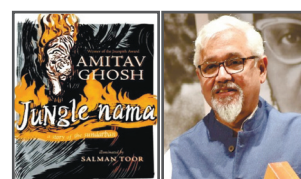
A tax haven is a jurisdiction with very low "effective" rates of taxation for foreign investors. In some traditional definitions, a tax haven also offers financial secrecy. However, while countries with high levels of secrecy but also high rates of taxation, most notably the United States and Germany in the Financial Secrecy Index rankings, can be featured in some tax haven lists, they are not universally considered as tax havens. In contrast, countries with lower levels of secrecy but also low "effective" rates of taxation, most notably Ireland in the FSI rankings, appear in most Tax haven lists. The consensus on effective tax rates has led academics to note that the term "tax haven" and "offshore financial centre" are almost synonymous.

According to modern studies, the Top 10 tax havens include corporate-focused havens like the Netherlands, Singapore, Ireland, and the U.K., while Luxembourg, Hong Kong, the Cayman Islands, Bermuda, the British Virgin Islands, and Switzerland feature as both major traditional tax havens and major corporate tax havens.

Estimating the financial scale of tax havens is complicated by their inherent lack of transparency. Even jurisdictions that comply with OECD-transparency requirements such as Ireland, Luxembourg, and the Netherlands, provide alternate secrecy tools.

BOOKS & AUTHORS

01 | JUNGLE NAMA

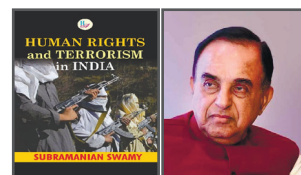


:- Amitav Ghosh

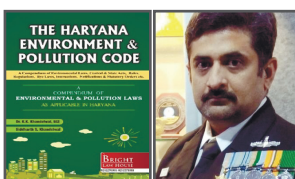


:- 400 Days

03 | HUMAN RIGHTS AND TERRORISM IN INDIA

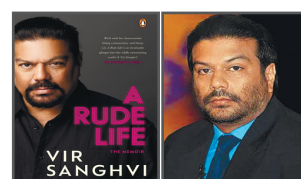


:- Subramanian Swamy



:- Manan Bhatt

05 | A RUDE LIFE: THE MEMOIR



:- Vir Sanghvi

04 | THE HARYANA ENVIRONMENT AND POLLUTION CODE

Vivek Ram Chaudhari

Vice Chief of the Indian Air Force Air Marshal, Vivek Ram Chaudhari has been appointed the subsequent Chief of Air Staff. Chief of Air Staff Air Chief Marshal RKS Bhadauria is set to retire on September 30. Chaudhari had taken over as the vice chief on July 1 this year, after Air Marshal HS Arora retired. He is a recipient of the Param Vishisht Seva Medal, Ati Vishisht Seva Medal and the Vayu Sena Medals.



Chaudhari was commissioned in the fighter movement of the IAF in December 1982, he has a flying journey of greater than 3,800 hours on a vast range of fighter and coach aircraft, along with missions flown throughout "Operation Meghdoot", the Air Force's guide to seize the Siachen glacier in the 1980s, and "Operation Safed Sagar" (the aid supplied via the IAF all through the Kargil combat in 1999).

An alumnus of the NDA (National Defence Academy) and Defence Services Staff College, Wellington, Chaudhari has commanded a frontline fighter squadron and a fighter base at some point of his career.

Force Academy; Assistant Chief of Air Staff Operations (Air Defence) and Assistant Chief of Air Staff (Personnel Officers).

JB Mohapatra

On 03 September 2021 Indian Revenue Service officer JB Mohapatra was appointed as the chairman of the Central Board of Direct Taxes.

His appointment was authorised by the Appointments Committee of the Cabinet. He has served as the acting chairman of the CBDT.

A 1985-batch IRS officer, Mohapatra was once given the extra cost as CBDT chairman after the tenure of incumbent PC Mody ended this 12 months in May.

Earlier, Mohapatra had served as the most important chief commissioner of Income Tax for the Andhra Pradesh and Telangana region.

CBDT: The Income Tax Department (also referred to as IT Department or ITD) is a government agency undertaking direct tax collection of the Government of India.



APPOINTMENTS | THE PEOPLE

It functions under the Department of Revenue of the "Ministry of Finance".

Income Tax Department is headed by the apex body Central Board of Direct Taxes (CBDT).

Main responsibility of IT Department is to enforce various direct tax laws, most important among these being the Income-tax Act, 1961, to collect revenue for Government of India.

It also enforces other economic laws like the Benami Transactions (Prohibition) Act, 1988 and the Black Money Act, 2015.

Formed:	1860
Jurisdiction:	Government of India
Headquarters:	North Block, Secretariat Building, New Delhi
Minister responsible:	Nirmala Sitharaman, Finance Minister
Agency executive:	Jagannath Bidyadhar Mahapatra, Chairman, Central Board of Direct Taxes

Rohit Soni

On 6 September 2021, Adani Transmission Limited (ATL)'s board has approved the appointment of Rohit Soni as Chief Financial Officer (CFO) of the company in a regulatory filing. Prior to this, he has worked with Vedanta Group in various roles. His immediate past assignment was as Chief Procurement Officer for Vedanta Group, as also CFO of various Vedanta SPVs (Special Purpose Vehicles).



He is, a chartered accountant, is an alumni of Harvard Business School. He brings with him over 19 years of experience in managing complex businesses in metal and mining industry, both in India and overseas.

Background

Adani Transmission Limited (ATL) is an electric power transmission company headquartered in Ahmedabad, India. Currently, it is one of the largest private sector power transmission companies operating in India.

Adani Transmission was founded by Gautam Adani in December 2015 after separating the decade-old transmission business from Adani Enterprises. At the time of the founding, the company became the primary custodian for more than 3800 circuit kilometers of transmission lines originating from the Mundra Thermal Power Station,

Atal Innovation Mission (AIM), NITI Aayog in collaboration with the Indian Space Research Organisation (ISRO) and Central Board of Secondary Education (CBSE) successfully launched the ATL Space Challenge 2021 for all school students across the country.

THE PEOPLE | APPOINTMENTS

connecting Mundra–Dehgam, Mundra–Mohindergarh and Tirora–Warora.

Harsha Bhupendra Bangari

The Government has appointed Harsha Bhupendra Bangari as the new Managing Director (MD) of Export-Import Bank of India (EXIM Bank).

Harsha Bhupendra Bangari becomes new MD of EXIM Bank

The government has appointed Harsha Bhupendra Bangari as the new Managing Director (MD) of the Export-Import Bank of India (EXIM Bank). Before this Bangari was posted as deputy managing director at EXIM Bank. She has been appointed for a period of three years or until further orders of the government.

He has replaced the incumbent MD David Rasquinha, who was appointed for five years on July 20, 2014.

Exim Bank of India: represents a rare case of an institution where the concept and need for such an institution had been debated for a long period—more than two decades—before it was finally set up in 1982.

The two decades prior to the establishment of Exim Bank witnessed significant changes in the industrial and the trade scenario.

Indian exports during the fifties and the early sixties consisted of primary commodities and traditional manufactures like jute and cotton textiles.

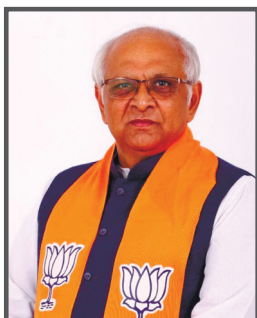
Export-Import Bank of India Headquarters: Mumbai, Maharashtra.

Bhupendra Patel

Bhupendra Patel has been the new the chief minister of Gujarat, the party decided in its meeting to pick up the successor for Vijay Rupani, a day after Rupani resigned.

Bhupendra Patel became an MLA in 2017 from the Ghatlodiya assembly constituency in Gujarat after defeating Congress's Shashikant Patel by a margin of over 1,17,000 votes.

He also chaired the standing committee of the Ahmedabad Municipal Corporation. On 11 September 2021, Vijay Rupani resigned from the post of Chief Minister of Gujarat.



Patel was unanimously elected as the BJP legislative party leader and Chief Minister elected of Gujarat on 12 September 2021 in the party legislature meeting at Gandhinagar. He sworn in as the 17th Chief Minister of Gujarat on 13 September 2021.

Gujarat: is a state on the western coast of India with a coastline of 1,600 km, most of which lies on the Kathiawar peninsula and a population of 60.4 million.

It is the fifth-largest Indian state by area and the ninth-largest state by population. On 1 May 1960, it became the new states of Gujarat and Maharashtra.

Formation:	1 May 1960
Capital:	Gandhinagar
Governor:	Acharya Dev Vrat
Chief Minister:	Bhupendrabhai Patel (BJP)
Legislature:	Unicameral (182 seats)
Parliamentary constituency	
Rajya Sabha:	(11 seats)
Lok Sabha:	(26 seats)

Narayan Khadka

Senior Nepali Congress leader Narayan Khadka has been appointed Nepal's new foreign minister. President Bidya Devi Bhandari appointed Khadka on the recommendation of the government led by Prime Minister Sher Bahadur Deuba.

Khadka, 72, was administered the oath of office and secrecy by President Bhandari amid an official ceremony at Sheetal Niwas on 20 September 2021. During a meeting of the top leaders of the ruling party alliances held at his residence in Baluwatar, Deuba had proposed the name of Khadka as the new foreign minister of Nepal.

Nepal is a landlocked country in South Asia. It is mainly situated in the Himalayas, but also includes parts of the Indo-Gangetic Plain, bordering Tibet of China to the north, and India in the south, east, and west, while it is narrowly separated from Bangladesh by the Siliguri Corridor, and from Bhutan by the Indian state of Sikkim.

Capital and largest city:	Kathmandu
President:	Bidya Devi Bhandari
Prime Minister:	Sher Bahadur Deuba
Currency:	Nepalese rupee



Gurmit Singh

Lieutenant General Gurmit Singh, who retired as the Deputy Chief of Army, was on 9 September 2021 appointed the Governor of Uttarakhand, a post which fell vacant after Baby Rani Maurya tendered her resignation.

According to a Rashtrapati Bhavan communique, President Ram Nath Kovind accepted the resignation of Maurya and appointed Singh as the Governor of the state.



A highly-decorated officer, Lt Gen Singh superannuated from the Army in February 2016 after nearly four decades of service, during which he held prestigious appointments of Deputy Chief of Army Staff, Adjutant General and Corps Commander of Strategic XV Corps that overlooks the Line of Control in Kashmir.

Uttarakhand: formerly known as Uttaranchal is a state in the northern part of India.

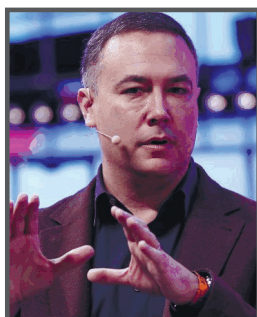
Formation:	9 November 2000
Capital:	Dehradun (winter) Gairsain (summer)
Judicial seat:	Nainital
Governor:	Gurmit Singh
Chief Minister:	Pushkar Singh Dhami (BJP)
Chief Justice:	Raghvendra Singh Chauhan
Speaker of the Assembly:	Premchand Aggarwal (BJP)
State Legislature:	unicameral
Uttarakhand Legislative Assembly:	(70 seats)
Rajya Sabha:	(3 seats)
Lok Sabha:	(5 seats) Legislature

Jim Lanzone

Yahoo has announced the appointment of Tinder Chief Executive Officer Jim Lanzone as its new Chief Executive Officer, effective September 27, 2021.

Lanzone will succeed Guru Gowrappan, who has been named Senior Advisor to Apollo's private equity business.

The move comes around four months after Verizon had announced that it would sell



Yahoo to Apollo Management Group for \$5 billion. Apollo completed the acquisition of Yahoo, formerly Verizon Media on September 1.

Prior to his stint as CEO of the dating app Tinder, Lanzone had led the digital operations of CBS Corporation as Chief Digital Officer and Chief Executive Officer of CBS Interactive.

He had joined CBS after its acquisition of Clicker Media in 2011, where he was co-founder and CEO.

He served in multiple executive roles at search engine Ask.com, including as CEO after the company's acquisition by IAC/InterActiveCorp from 2001 to 2008. Lanzone is also a member of the board of directors of GoPro.

Yahoo: is an American web services provider. It is headquartered in Sunnyvale, California and operated by the namesake company Yahoo, Inc., which owned 90% by investment funds managed by Apollo Global Management and 10% by Verizon Communications.

Founded:	January 1994
Headquarters:	Sunnyvale, California, U.S
Founder:	Jerry Yang and David Filo

Neeraj Chopra

Tata AIA Life Insurance has entered into a multi-year brand partnership Olympic gold medallist Neeraj Chopra, as its brand ambassador.

According to company, Post-Olympic win, this is his first brand partnership. As part of the partnership, Chopra will support Tata AIA's efforts in offering life protection and health and wellness solutions to its consumers over the next few years. "As a VSM awardee in the Army and a National Icon, Neeraj symbolises incredible passion for excellence and a great commitment to serving the nation," Venky Iyer, executive vice president and chief distribution officer.



Tata AIA Life Insurance Company: (Tata AIA Life) is a JV between Tata Sons and AIA Group Limited (AIA). Tata AIA Life combines the Tata group's pre-eminent brand strength and leadership position in India and AIA's expertise and presence in 18 markets across the Asia-Pacific region.

The company offers a comprehensive and innovative suite of protection and long-term savings products.

Coal India Limited (CIL) Chairman Pramod Agrawal laid the foundation stone of Mahanadi Coalfields Limited's Rs 285.05 crore first-mile connectivity (FMC) project of Lajkura SILO at Ib valley in Jharsuguda district.

THE PEOPLE | APPOINTMENTS

It is one of the fastest growing life insurers in India that has been profitable since FY 2011.

Tata AIA Life is the fifth largest private Life Insurer amongst 23 private life insurance players in India, on Individual Weighted New Business Premium (IWNBP) basis, with an annual growth of 21% in FY20.

Manika Sheokand

The Haryana Government 18 September 2021 appointed Femina Miss Grand India-2021 Manika Sheokand as the goodwill ambassador for Water Conservation Campaign.

Chief Minister Manohar Lal Khattar handed over appointment letter and an agreement to Manika at a programme organised at Haryana Niwas 18 September 2021.

The Chief Minister said spreading awareness about water conservation was the need of the hour. "Water is one of the key necessities of everyone's life. Life is not possible without water. Just as time is considered precious, water is also precious."



'Goodwill Ambassador' of the water conservation campaign by the Haryana Government.

'I have always been a supporter of environmental protection. I express my gratitude to the chief minister, for appointing me 'Goodwill Ambassador' for the water conservation campaign,' said Manika Sheokand. Manika's parents were also present on this occasion.

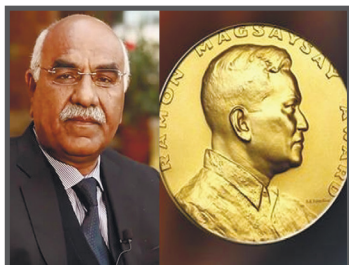
Haryana: is a state in India located in the northern part of the country. It was carved out of the former state of East Punjab on 1 November 1966 on a linguistic basis. It is ranked 20th in terms of area, with less than 1.4% (44,212 km² or 17,070 sq mi) of India's land area.

Statehood:	1 November 1966
Capital:	Chandigarh
Governor:	Bandaru Dattatreya
Chief Minister:	Manohar Lal Khattar (BJP)
Deputy Chief Minister:	Dushyant Chautala (JJP)
Legislature:	Unicameral (90 seats)
Parliamentary constituency:	
Rajya Sabha:	(5 seats)
Lok Sabha:	(10 seats)

AWARDS

Ramon Magsaysay Award-2021

A Bangladeshi vaccine scientist and a microfinance pioneer from Pakistan were among the five recipients of this year's 63rd Ramon Magsaysay Award 2021— regarded as the Asian version of the Nobel Prize.



Apart from Dr Firdausi Qadri from Bangladesh and Muhammad Amjad Saqib from Pakistan, the other winners are Filipino fisher and community environmentalist Roberto Ballon, American Steven Muncy for humanitarian work and refugee assistance and Indonesian torch bearer for investigative journalism, Watchdoc.

Dr. Qadri, 70, who has a doctorate from Liverpool University, U.K., joined International Centre for Diarrhoeal Disease Research, Bangladesh, (an international health research institute based in Dhaka) in 1988. She was recognised for "her passion and life-long devotion to the scientific profession.

About Ramon Magsaysay Award:

The Ramon Magsaysay Award is an annual award established to perpetuate former Philippine President Ramon Magsaysay's example of integrity in governance, courageous service to the people, and pragmatic idealism within a democratic society. The prize was established in April 1957 by the trustees of the Rockefeller Brothers Fund based in New York City with the concurrence of the Philippine government.

The award is named after Ramon Magsaysay, the seventh president of the Republic of the Philippines after World War II. The Ramon Magsaysay Award Foundation gives the prize to Asian individuals achieving excellence in their respective fields. The awards were given in six categories, five of which were discontinued in 2009:

1. Government Service (1958–2008)
2. Public Service (1958–2008)
3. Community Leadership (1958–2008)
4. Journalism, Literature, and Creative Communication Arts (1958–2008)
5. Peace and International Understanding (1958–2008)
6. Emergent Leadership (2001)

2021 bird photographer of the year

Over 22,000 images from photographers around the world flooded into the sixth annual Bird Photographer of the Year contest. It was Mexican photographer Alejandro Prieto who took home the top prize



for his haunting photo of a Greater Roadrunner staring down the immense border wall between the United States and Mexico. Wrapped in barbed wire, the wall looms large over the perplexed animal.

Prieto won a £5,000 (\$6,900) grand prize and the prestigious title of Bird Photographer of the Year for his efforts to show how this wall is also affecting wildlife. "The border wall crosses deserts, mountains, and even mangroves. It is not just desert, and is in fact very biodiverse with more than 1,500 animal and plants species threatened by the wall," said Prieto.

Alejandro's winning image featured in the February 2021 issue of BBC Wildlife Magazine as part of a photo story of his project to document the impact of the border wall on wildlife.

The overall Young Bird Photographer of the Year was awarded to 17-year-old photographer Levi Fitze for his image of a male black grouse lekking at sunrise.

This year, the Bird Photographer of the Year donated more than £8,000 to its partner charity Birds on the Brink, which supports grass-roots bird conservation projects around the world.

Behler Turtle Conservation Award

Indian biologist Shailendra Singh has been awarded the Behler Turtle Conservation Award for bringing three critically endangered turtle conservation species back from the brink of extinction.



The award has been bestowed by several global bodies involved in turtle conservation such as Turtle Survival Alliance, IUCN/SSC Tortoise and Freshwater Turtle Specialist Group, Turtle Conservancy, and the Turtle Conservation Fund.

Shailendra Singh was named to lead the Turtle Survival Alliance (TSA)/ Wildlife Conservation Society (WCS)

India turtle programme. "In the 13 years since, he has expanded the TSA India Program to include research, conservation, assurance colony building, community engagement, and outreach as well as developing alternative livelihoods, working to convert poachers, and creating wildlife trafficking response programs. Working in four priority Indian turtle conservation areas, the program now protects 18 of India's 29 turtle and tortoise species, several of them regarded as Critically Endangered.

The Behler Turtle Conservation Award was established in 2006 to recognise outstanding achievements, contributions and leadership excellence in international turtle conservation and biology.

Florence Nightingale Award

The Florence Nightingale Award will be given to a nurse, Bhanumati Gheewala, from Sir Sayajirao General Hospital. She has been in charge of COVID-19 positive pregnant women's



deliveries as well as infant care. She worked in the gynaecology department as well in the paediatric ward.

While speaking to the media, the nominee, Bhanumati Gheewala, said, "I got selected for this award for COVID-19 Gynaec duties including the delivery of newborns and working during 2019 floods that had inundated the hospital". She also said that she does not prefer taking casual leave (CL). Sir Sayajirao General Hospital is located in Vadodara, Gujarat.

The Florence Nightingale Award is given by the Indian Nursing Council. This is a statutory agency under the Ministry of Health and Family Welfare, to recognise the contributions of healthcare workers. The delegates at the Eighth International Conference of Red Cross Societies created this commemorative International Nightingale Medal. It was established in London in 1907. This medal was meant to be awarded to those who have excelled in the profession of nursing. The International Committee of the Red Cross in 1912 created the award. It is presented to nurses or nursing workers. It is given for "exceptional courage and devotion to the wounded, sick, or disabled, or to civilian victims of a conflict or disaster" or "exemplary services or a creative and pioneering spirit in the areas of public health or nursing education". Until 1991, the medal was only awarded to female nurses due to regulatory restrictions. It is now open to both men and women, and it is given out every two years to a maximum of fifty people around the world.

Defence Minister Rajnath Singh and Road Transport and Highways Minister Nitin Gadkari inaugurated Emergency Landing Facility on Satta-Gandhav stretch of NH-925A in Barmer, Rajasthan.

THE PEOPLE | AWARDS

UNESCO International Literacy Prizes

National Institute of Open Schooling (NIOS), run by the education ministry, has bagged global recognition from UNESCO for its innovative approach towards education.



The recognition is for educating differently-abled people through technology-enabled inclusive learning material. The NIOS move has a specific focus on Indian sign language-based content, the organization.

On behalf of NIOS, professor Saroj Sharma, Chairperson, NIOS received the international Literacy prize and thanked UNESCO for recognising the efforts and innovations of NIOS in the field of education and literacy.

The Director and Representative of UNESCO, Eric Falt, appreciated the initiative and commitment of NIOS towards learners with disabilities, recognising the programme's unique feature of meeting learners' unique educational and language needs by developing learning materials in Indian sign language.

The Joint Secretary of School Education and Literacy Vipin Kumar appreciated and congratulated NIOS for its initiative to support and promote the Government of India's educational policy and facilitating education for learners with disabilities.

Along with NIOS, this year's UNESCO International Literacy Prizes were awarded to five other outstanding literacy programmes from Côte d'Ivoire, Egypt, Guatemala, Mexico, and South Africa on the occasion of International Literacy Day.

Earthshot Prize

A 14-year-old Tamil Nadu schoolgirl's solar-powered ironing cart project and a Delhi entrepreneur's agricultural waste recycling concept were named among 15 finalists from hundreds



of nominations across the world for the first-ever Earthshot Prize, launched by Britain's Prince William last year.

Vinisha Umashankar made the cut within the "Clean Our Air" category with her concept of a solar-powered clean

alternative to the charcoal-powered street irons that press clothes for millions of Indians each day. Takachar, co-founded by Vidyut Mohan, has also been nominated in the same category for its cheap, small-scale, portable technology that converts crop residues into sellable bio-products.

They both will now receive tailored support and resources from the Earthshot Prize Global Alliance Members, a network of private sector businesses around the world who will help scale the shortlisted solutions.

Vinisha and Vidyut, along with 13 other finalists from countries such as Bangladesh, China, Nigeria, Costa Rica, Switzerland, are now in with a chance of winning GBP 1 million to support their innovative environmental solutions to some of the greatest challenges facing the planet.

The Earthshot Prize is a prize awarded annually from 2021 to 2030, to five winners each year whose solutions substantially help the environment. The Prize is given by the Royal Foundation, headquartered in London, England.

Changemaker Award

Fairooz Faizah Beether of Bangladesh has been chosen for the 2021 Changemaker Award for her work promoting good health and well-being by the Bill and Melinda Gates Foundation.



The Award celebrates an individual who has inspired change using personal experience or from a position of leadership.

Fairooz Faizah is co-founder of Moner School which is an anonymous online platform active in the field of mental health. It works with youth to educate them about the importance of mental health care through training, workshops, and a 24/7 online mental health first aid service in Bangladesh.

The Changemaker Award is part of the Goalkeepers Global Goals award instituted by the Bill and Melinda Gates Foundation to accelerate progress towards attaining the Sustainable Development Goals (SDGs) of the UN.

Former United Nations under-secretary-general and executive director of UN Women, Phumzile Mlambo-Ngcuka, has been chosen as the winner of the 2021 Global Goalkeeper Award for her 'unwavering global leadership on gender equality and continued advocacy to address the COVID pandemic's disproportionate impact on women and girls'.

The Goalkeepers is the Bill and Melinda Gates Foundation's campaign to accelerate progress towards the Sustainable

Development Goals (SDGs) announced by the UN in 2015 to achieve the objectives of ending poverty, fighting inequality and injustice and fixing climate change.

Guinness Records

Guinness World Records has certified two Japanese sisters as the world's oldest living identical twins at 107, in an announcement coinciding with Respect for the Aged Day, a national holiday in Japan.



Umeno Sumiyama and Koume Kodama were born the third and fourth of 11 siblings on Shodoshima island in western Japan on Nov. 5, 1913. They were separated after elementary school, when Kodama was sent to work as a maid in Oita on Japan's southern main island of Kyushu. She later married there, while Sumiyama remained on the island where they grew up and had her own family.

The sisters later recalled their difficult younger days. Growing up, they said they were bullied because of prejudice against children of multiple births in Japan. Busy with their own lives for decades, the sisters rarely met until they turned 70, when they started making pilgrimages together to some of the 88 Shikoku temples and enjoyed being reconnected. Sumiyama and Kodama were 107 years and 300 days old as of Sept 1, breaking the previous record set by famous Japanese sisters Kin Narita and Gin Kanie at 107 years and 175 days, Guinness World Records Ltd. said in a statement.

SDG Progress Award

Bangladesh Prime Minister Sheikh Hasina has been conferred with SDG Progress award for Bangladesh's

steady progress in achieving the Sustainable Development Goals (SDGs) by the UN sponsored Sustainable Development Solutions Network (SDSN).

Prime Minister Hasina is currently visiting the US to attend the 76th session of the United Nations General Assembly (UNGA).



Foreign Minister Dr. A K Abdul Momen called this award an international acknowledgement of Bangladesh's success in spearheading the SDGs, reports the official news agency BSS.

Development economist Jeffery Sachs appreciated Prime Minister Sheikh Hasina for spearheading the SDG campaign even during the COVID 19 pandemic.

The SDSN was set up in 2012 under the auspices of the UN Secretary General. Led by development economist Jeffery Sachs, the SDSN seeks to mobilize global scientific and technological expertise to promote practical solutions for sustainable development.

The forex reserves rose to \$32 billion and in 2017, Bangladesh's GDP stood at \$250 billion dollars. In 2019, the annual GDP growth was 8.15 per cent.

Hasina has been bestowed with several honours, including the Mother Teresa award in 1998 and the Indira Gandhi Peace Award in 2009.

She has also received the Unesco 'Peace Tree' award in 2014 and has featured on 59th place in the 2015 Forbes' list of 100 Most Powerful Women. In 2018, she received praise for accepting Rohingya refugees.

OBITUARY

Sidharth Shukla

Actor Sidharth Shukla had always defied the odds when it came to his career. For many in the TV and film industry, appearing in the popular reality show Bigg Boss is a last-ditch — and often futile — effort to arrest a slide into irrelevance. But Shukla, who won the 13th edition of the show in 2019, became a household name, cementing himself as a bonafide reality TV star. The TV personality died from a suspected heart attack. He was 40. The exact cause of his death is yet to



be ascertained. Shukla first broke out into TV stardom with his work in the show Balika Vadhu (2012), where he essayed the role of Shivraj Shekhar, a District Collector. Over three years, Shukla played the character to overwhelming response, winning multiple awards. Soon after, he was roped in to co-star in Humpty Sharma Ki Dulhania (2014), again earning praise. Police officers in Mumbai said Shukla complained of chest pain at his residence in Oshiwara, Mumbai, around 9 am, before collapsing.

His sister, brother-in-law and mother were in the house at that time. A doctor who arrived at the residence found that he had no pulse. The Oshiwara police believe he died under natural circumstances. They have not registered an offence or an accidental death report.

Dr Jitendra Singh inaugurated the "Karmayogi" Digital Learning Facility for Civil Servants at the Institute of Secretariat Training & Management (ISTM), a premier Central Training Institution under the Department of Personnel & Training (DoPT).

THE PEOPLE | OBITUARY

Jean-Pierre Adams

Former French footballer Jean-Pierre Adams, who had been in a coma for 39 years, has died at the age of 73.

Jean-Pierre Adams was injured during a match with Chalon. Operated under anaesthesia at the Hospital de Lyon on March 17, 1982, Jean-Pierre Adams fell into a coma. In a state of coma for more than 39 years, Jean-Pierre Adams lived in the suburbs of Nimes, his wife Bernadette watching by his side.

Born in Senegal, the defender made more than 140 appearances for Nice and also played for Paris St-Germain and Nimes. Defender of the French team, Jean-Pierre Adams had worn the Parisian colours from 1977 to 1979.

At the age of 8, Adams had left Senegal. Twice finalist of the French Amateur Championship, Adams was spotted by Nimes and turned professional in 1970. After Nimes, it is under the colors of Nice that he continued his progress. In 1977, Paris Saint-Germain signed him for three seasons. In 1979, he left Paris and joined Mulhouse then FC Chalon-sur-Saone, as a player-coach.

In a statement, PSG said Adams' "joie de vivre, charisma and experience commanded respect".

Nice said the club would pay tribute to Adams before their next home game against Monaco on September 19.

Adams also made 84 appearances for Nimes, who said they were sending their "most sincere condolences to his loved ones and his family".

Rajni Kaul

Rajni Kaul, a distinguished broadcaster who became the first woman to read a news bulletin in Hindi on BBC nearly 60 years ago, passed away in Faridabad. She was 93.

Born in Peshawar, now in Pakistan, Kaul worked with All India Radio (AIR) in New Delhi before joining the Voice of America (VOA) in Washington and then BBC in London.

She was married to eminent broadcast journalist late Mahendra Kaul who also worked with the VOA and the BBC. They had settled down in London.



The British Broadcasting Corporation (BBC) is the national broadcaster of the United Kingdom. Headquartered at Broadcasting House in London, it is the world's oldest national broadcaster, and the largest broadcaster in the world by number of employees, employing over 22,000 staff in total, of whom approximately 19,000 are in public-sector broadcasting.

Britain's first live public broadcast was made from the factory of Marconi's Wireless Telegraph Company in Chelmsford in June 1920.

BBC Hindi started on 11 May 1940. Initially the service operated through radio. Currently, it is being operated on audio as well as website, TV and social networks.

Eminent litterateur, social worker and former editor of Odia daily 'The Samaja' Manorama Mohapatra passed away. She was 87 and survived by two daughters and two sons. Mohapatra complained of chest pain following which she was admitted to SCB Medical College and Hospital where she breathed her last in the evening.

Manorama Mohapatra

Born on June 10, 1934, Mohapatra inherited the mantle of editorship of the Odia daily from her father Dr Radhanath Rath in 1998. Prior to that, she had contributed as a columnist in the daily with analytical and critical analysis of contemporary issues under 'Jhitipiti Kahe Satakshi' column. Her father Padma Bhushan Dr Rath was a noted freedom fighter and president of Lok Sevak Mandal.

Mohapatra has more than 40 books and novels to her credit. Her first book 'Juar Jejunthi Uthe', a collection of revolutionary poems on women empowerment, was published in 1960. Her literary works include 'Ardhanareeswara', 'Baidehi Visarjita', 'Sanghatir Samhita', 'Shakti Rupena Sansthit', 'Roopam Roopam Pratirupam', 'Smruti Chandan', 'Samay Purusha', 'Smritir Naimisharanya', 'Arup Aalo' in Bengali, 'Ye Prithvi Sarsajya', and 'Uttara Niruttara'. Besides contributing to the fields of literature and social work, she was a famous orator who dominated the space of public speaking for more than 60 years.

She was honoured with Sahitya Akademi Award in 1984, Soviet Nehru Award in 1988, Critic Circle of India Award in 1990, Iswar Chandra Vidyasagar Samman in 1991, Rupambara Award in 1994, Utkal Sahitya Samaj Award, Gangadhar Meher Samman, Sahitya Praveena Award,

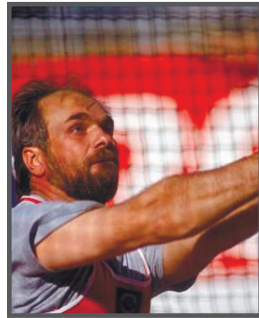


Sarala Award and Sucharita Award during her illustrious career.

For her immense contribution to the field of literature, she was appointed as secretary of Utkal Sahitya Samaj from 1982 to 1990 and President of Odisha Sahitya Akademi in 1991, the first woman to hold this post, till 1994.

Yuriy Sedykh

Yuriy Sedykh, the world hammer throw record holder and two-times Olympic champion, has died at the age of 66.



Sedykh, who competed for the Soviet Union, won gold at the 1976 and 1980 Olympics and his only world title at the age of 36 at the 1991 championships in Tokyo. His 86.74 metre throw at the 1986 European Championships is still a world record.

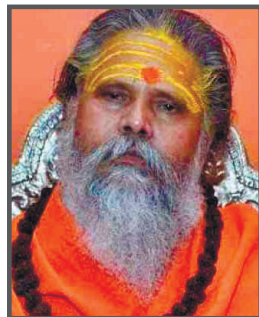
"For me, Yuriy was a friend, a wise mentor, to whom I am deeply grateful that we shared life experience and human values," Sergei Bubka, World Athletics senior vice president and pole vault great, wrote on Twitter.

"An outstanding two-time Olympic Champion, whose fantastic World record in Hammer Throw (86.74) for 35 years is still not broken... We will always remember Yuriy."

Yuriy Georgiyevich Sedykh was a Ukrainian track and field athlete who represented the Soviet Union from 1976-1991 in the hammer throw. He was a European, World and Olympic Champion, and holds the world record with a throw of 86.74 m in 1986.

Mahant Narendra Giri

Mahant Narendra Giri, president of the Akhil Bharatiya Akhara Parishad (ABAP), considered the largest grouping of sadhus in the country, was found dead at Baghambari math in Prayagraj.



Police said they found a seven-page 'suicide note' in which the mahant has held his disciple and yoga guru, Anand Giri, besides two others, responsible for his death. UP DGP Mukul Goel said the note would be sent for forensic examination.

Additional Director General (Law and Order) Prashant Kumar said a team of the UP Police has been sent to Haridwar, where Anand Giri has been detained.

Kumar said that, around 5.20 pm, one of Giri's followers called police and informed them that the mahant had hung himself from a fan in his room at Baghambari math, where he stayed. The disciple told police that they cut the rope and brought the body down.

It was in 2016 that Giri first took over as chief of the Akhara Parishad. It was during his tenure that the Parishad released a list of allegedly "fake saints". In 2019, Giri was elected chief of the Parishad for a second time.

Prime Minister Narendra Modi, Uttar Pradesh Chief Minister Yogi Adityanath and former CM Akhilesh Yadav expressed their condolences at Giri's death.

Yudhbir Singh Dadwal

Former Delhi Police commissioner Yudhbir Singh Dadwal (70) died at his Chattarpur home due to age-related illnesses.

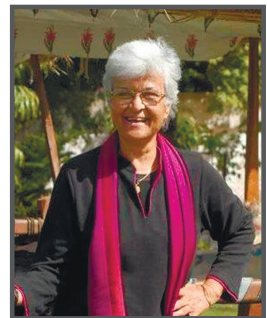


A 1974 batch IPS officer, Dadwal had joined the Delhi Police as an additional deputy commissioner. He became the Delhi Police commissioner in 2007 and was transferred to Sashastra Seema Bal (SSB) as its Director General in 2010.

During his tenure with the Delhi Police, he was known for handling cases like the Batla House encounter in 2008 and maintaining high-level security in Delhi during the Commonwealth Games in 2010. He ensured that there was a "heavy decline" in crimes, said an officer. In 2011, he retired from the force. Dadwal worked in several states as the police chief in his long career of 37 years. He served in Andaman and Nicobar Islands, Daman and Diu, and Chandigarh. In Arunachal Pradesh, he was appointed as the advisor to the governor. He was also awarded the President's police medal for distinguished service and a medal for meritorious services.

Kamla Bhasin

Renowned feminist activist Kamla Bhasin passed away after battling cancer. She was 75. Born in 1946 in Shahidanwaali village in Punjab (now in Pakistan), Bhasin's appeal lay in her ability to talk to a roomful of "anybodies", as she once said — diplomats, television audience, feminists or children. The underlying message



Fairooz Faizah Beether of Bangladesh has been chosen for the 2021 Changemaker Award for her work promoting good health and well-being by the Bill and Melinda Gates Foundation.

THE PEOPLE | OBITUARY

— imparted to suit the audience listening to her — was always one of gender justice. After working with a rural non-governmental organisation called Seva Mandir based in Udaipur for four years, Bhasin joined the Food and Agriculture Organization (FAO) of the United Nations in 1976 — a job she retired from in 2002. In 2004, she set up Sangat, a South Asian Feminist Network supported by Delhi-based feminist resource group Jagori that Bhasin set up with other feminists including Abha Bhaiya, Runu Chakravarty, Gauri Choudhury, Sheba Chhacchi, Manjari Dingwaney, and Joginder Panghaal in 1984.

Through the 1980s and '90s, Bhasin was part of key feminist struggles in the country, from the protests against dowry deaths to demonstrations that led to changes in the way rape and sexual assault were prosecuted in the country. She also contributed to the movement by creating booklets on feminism, patriarchy, violence, which were translated into multiple languages and formed the basis of Women's Studies in several organisations. In the past decade, she also became associated with One Billion Rising, a movement started by Eve Ensler to end violence against women.

Bhabani Roy

Former India international and Mohun Bagan legend Bhabani Roy, who excelled as the country's first 'overlapping full-back' under the tutelage of the great Amal Dutta, passed away in Kolkata following a prolonged illness.

He was 75. Roy was admitted in a city hospital for the last few days. Dutta was the first to use Roy as overlapping fullback in his 4-2-4 formation in the 1960s. Roy who made his international debut in the Merdeka Cup in 1969 represented India in three matches.

At the domestic level, he was part of West Bengal's Santosh Trophy squad in 1968 and the triumphant team of 1971.

He played his club football for Mohun Bagan from 1968 onwards wherein he captained the green and maroons in 1972 which was his last year in the club as a player. But he started his career with Mohun Bagan's arch-rivals, East Bengal, in 1964.

He scored five goals in the process, and helped the club win the CFL in 1969. Bagan also won the IFA Shield that year.

The All India Football Federation (AIFF) condoled the demise of the former India international.

Roy also guided his club to win the Rovers Cup in 1968, 1970, 1971, 1972 (joint-winners); Dr HK Mookherjee Shield in 1968 and 1969 (joint-winners); the Amrita Bazar Patrika Centenary Trophy and the Babu Kunwer Singh Shield in 1968; and the Nehru Trophy in 1970.



Burning Topics of the Month

FM Nirmala Sitharaman chairs 24th meeting of Financial Stability and Development Council.

NIRF Rankings 2021: IIT Madras tops charts in overall category.

Income of farmers witness 59 % surge in 2019: Survey.

& Many More...

India virtually hosts 8th meeting of agriculture experts of BIMSTEC countries 01 September' 21

India hosted the 8th Meeting of Agriculture Experts of Bay of Bengal Initiative for Multi-Sectoral Technical and Economic Cooperation (BIMSTEC) Countries



virtually. Dr Trilochan Mohapatra, Director General of Indian Council of Agricultural Research chaired the daylong meeting. Ministry of Agriculture stated that experts of Agricultural Ministries from Bangladesh, Bhutan, India, Nepal, Sri Lanka, Myanmar and Thailand participated in the meeting. During the meeting, Dr Mohapatra highlighted the UN Food System Summit 2021 and the transformations that are happening in the agriculture and food systems globally.

He exhorted to enhance the engagement and deepen the cooperation in agriculture and allied sectors amongst the BIMSTEC Member States. He also emphasized addressing biosafety and biosecurity concerns and promoting digital agriculture along with the trade of technologies for developing resilient agriculture, food systems and value chains. The BIMSTEC Member States appreciated the greater engagement of India offering six slots of scholarships each for Master and PhD programmes in agriculture and its other initiatives for capacity development and training including the development of seed sectors. The cooperation in the areas of high impact transboundary diseases of livestock and poultry; aquatic animal diseases and biosecurity in aquaculture and digitalization to promote precision farming was also discussed in the meeting. The BIMSTEC provides a unique link between South and South-East Asia with five countries – Bangladesh, Bhutan,

India, Nepal and Sri Lanka from South Asia and two countries – Myanmar and Thailand from South-East Asia coming together on one platform for cooperation in 14 key economic and social sectors of the economy.

India and US sign Project Agreement for Air-Launched Unmanned Aerial Vehicle 02 September' 21

India and US have signed Project Agreement for Air-Launched Unmanned Aerial Vehicle. This is a significant step towards deepening defence technology cooperation between both the countries. The Project Agreement for Air-Launched Unmanned Aerial Vehicle (ALUAV) under the Joint Working Group Air Systems in the Defence Technology and Trade Initiative (DTTI).

The main aim of DTTI is to bring sustained leadership focus to promote collaborative technology exchange and create opportunities for co-production and co-development of future technologies for Indian and US military forces. Under DTTI, Joint Working Groups on land, naval, air and aircraft carrier technologies have been established for focus on mutually agreed projects in respective domains.

The Aeronautical Development Establishment (ADE) at DRDO and the Aerospace Systems Directorate at the Air Force Research Laboratory (AFRL), along with the Indian and US Air Forces, are the principal organisations for execution of Project Agreement.

The Defence Technology and Trade Initiative (DTTI) is a major strategy to facilitate the development of defence technology by reducing bureaucratic processes and legal requirements in all possible ways. The prospect and value placed in the DTTI are shown in the seniority of its leadership. The DTTI between USA and India was launched in 2012. Ever since then, 9 group meetings have occurred between the two parties.

Four teachers from Telangana and Andhra Pradesh were among 44 teachers who were presented national teacher awards by President Ram Nath Kovind on the occasion of Teachers Day.

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Aeronautical Development Establishment is a laboratory of India's Defence Research and Development Organisation. Located in Bangalore, its primary function is research and development in the field of military aviation. Recent successful projects include Lakshya (an aerial target), Nishant (a reconnaissance unmanned aerial vehicle), Nirbhay (a subsonic cruise missile), flight simulators for (LCA, Ajit, Kiran, and Mig-21) and avionics packages for Tejas-LCA (display and FCC). It earlier worked on Sparrow (mini-uav) and Ulka (aerial target).

Established: 1959

Director: Dr Venugopal S

Location: Bengaluru, Karnataka

FM Nirmala Sitharaman chairs 24th meeting of Financial Stability and Development Council 03 September '21

Finance and Corporate Affairs Minister Nirmala Sitharaman chaired the 24th meeting of the Financial Stability and Development Council, FSDC in New Delhi.



The meeting deliberated on the various mandates of the FSDC, Financial Stability, Financial Sector Development, Inter-regulatory Coordination, Financial Literacy and Financial Inclusion. During the meeting, it was noted that there is a need to keep a continuous vigil by Government and all regulators on the financial conditions.

The Council also discussed issues relating to management of stressed assets, strengthening institutional mechanism for financial stability analysis, financial inclusion, and framework for resolution of financial institutions and internationalization of Indian Rupee and pension sector related issues. The meeting was attended by Minister of State for Finance Dr. Bhagwat Kishanrao Karad and Pankaj Chaudhary, Governor of Reserve Bank of India Shaktikanta Das among others.

Financial Stability and Development Council (FSDC) is an apex-level body constituted by the government of India. The idea to create such a super regulatory body was first mooted by the Raghuram Rajan Committee in 2008. Finally in 2010, the then Finance Minister of India, Pranab Mukherjee, decided to set up such an autonomous body dealing with macro prudential and financial regularities in the entire financial sector of

India. An apex-level FSDC is not a statutory body. The new body envisages to strengthen and institutionalise the mechanism of maintaining financial stability, financial sector development, inter-regulatory coordination along with monitoring macro-prudential regulation' of economy. No funds are separately allocated to the council for undertaking its activities.

Piyush Goyal appointed as India's Sherpa for G20 05 September '21

Commerce and Industry Minister Piyush Goyal has been appointed as India's Sherpa for the G20 which is an influential grouping that brings together the world's major economies.



The next G20 Summit is scheduled to take place from 30th to 31st of next month under Italian Presidency. India will be holding the G20 Presidency from 1st December 2022 and will convene the G20 Leaders' Summit in 2023 for the first time. India will be part of the G20 Troika (preceding, current, and incoming G20 Presidencies) from 1st of December this year till 30th November 2024. Prime Minister Narendra Modi has been leading India's representation at G20 Summits since 2014. India has been a member of the G20 since its inception in 1999.

G20 is major international grouping that brings together 19 of the world's major economies and the European Union, with its members accounting for more than 80 per cent of global GDP, 75 per cent of global trade and 60 per cent of global population.

A Sherpa is the personal representative of a head of state or government who prepares an international summit, particularly the annual G7 and G20 summits. Between the G7 summits there are multiple Sherpa conferences where possible agreements are laid out.

The name Sherpa—without further context—refers to Sherpa's for the G7 summit, but the designation can be extended to different regular conferences where the participation of the head of state is required.

The name is derived from the Sherpa people, a Nepalese ethnic group, who serve as guides and porters in the Himalayas, a reference to the fact that the Sherpa clears the way for a head of state at a major summit.

NIRF Rankings 2021: IIT Madras tops charts in overall category

07 September' 21

IIT Madras has topped the Rankings in the overall category in National Institutional Ranking Framework (NIRF). IISc Bengaluru has come second, which is followed by IIT Bombay at the third place in the ranking.



Education Minister Dharmendra Pradhan released the NIRF Rankings 2021. The Rankings have been released under various categories, including, Engineering, Pharmacy, Management and Overall, Research. The rankings for all colleges and universities across the country given by the Ministry were based on teaching, learning, and resources; research and professional practice, graduation outcome; outreach and inclusivity; and peer perception.

Along with the overall rankings, stream-wise rankings have also been released. The complete list of the rankings for all top institutes can be checked on the official website of NIRF on nirfindia.org.

The National Institutional Ranking Framework (NIRF) was approved by the MHRD and launched by Honourable Minister of Human Resource Development on 29th September 2015. This framework outlines a methodology to rank institutions across the country. The methodology draws from the overall recommendations broad understanding arrived at by a Core Committee set up by MHRD, to identify the broad parameters for ranking various universities and institutions. The parameters broadly cover "Teaching, Learning and Resources," "Research and Professional Practices," "Graduation Outcomes," "Outreach and Inclusivity," and "Perception".

India Rankings – 2016 based on this framework were released on 4th April 2016.

India and Denmark jointly launch 'Centre of Excellence on Offshore Wind'

08 September' 21

Union Minister for Power and New and Renewable Energy R. K. Singh met Denmark's Minister for Climate, Energy and Utilities Dan Jorgensen in New Delhi. Mr Singh underlined to the Danish side that energy transition towards green is an important part of India's policy.

He pointed out that Prime Minister Narendra Modi in his Independence Day speech has set a target of 450 Giga Watt of Renewable Energy capacity by 2030.



The Minister went on to say that India's whole renewable energy portfolio is already at 146 GW. He stated that India is the only G-20 country whose actions are in consonance with the Paris Climate agreement with regard to global rise in temperature.

Discussing the potential of green energy, the Minister stated that India is looking at making Ladakh and islands such as Andaman Nicobar and Lakshadweep green in energy including transport. The two Ministers jointly launched 'Centre of Excellence on Offshore Wind' as part of the Green Strategic Partnership.

India and Denmark have a long history of cooperating within the wind sector, including the development of the first onshore wind atlas for India and establishing the Wind Turbine Test Station at Kayathar., India is the world's fourth-largest onshore wind market by cumulative installation capacity. Therefore, it is only natural that Denmark and India embark on the journey of developing the offshore wind sector together. Denmark is a front-runner in the global green transition and a first mover and at the forefront of the offshore wind sector since early 1990s.

'Main Bhi Digital 3.0' campaign for Digital Onboarding & Training for street vendors

10 September' 21

Ministry of Housing and Urban Affairs in collaboration with the Ministry of Electronics and Information Technology launched the pilot drive 'Main Bhi Digital 3.0' – A special Campaign for Digital Onboarding and Training for street vendors under PM SVANidhi scheme across 223 cities in the country. It was jointly launched by Housing and Urban Affairs Secretary Durga Shanker Mishra and Electronics and IT Secretary Ajay Prakash Sawhney in a virtual event. The drive is in line with Prime Minister Narendra Modi's vision of Sabka Saath Sabka Vikas.

The BharatPe, Mswipe, PhonePe, Paytm, Aceware are participating in this drive to issue UPI IDs, QR code and provide digital training. Digital Payment Aggregators will handhold the street vendors to bring about enhanced adoption of digital transactions and behaviour change. To

Hansa New Generation (NG) aircraft, designed and developed by CSIR-National Aerospace Laboratories (NAL), Bangalore a constituent lab of CSIR, has successfully made its maiden flight.

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promote digital transactions instruction has been issued to the Lending Institutions to handover a durable QR Code and train the beneficiaries for conducting digital receipt and payment transactions within a week of disbursement.

So far, 45.5 lakh applications have been received. Out of these, 27.2 lakh loans have been sanctioned and 24.6 lakh loans have been disbursed. The amount disbursed so far is 2 thousand 4 hundred 44 crore rupees. More than 70 thousand 448 street vendors have repaid their first loan tranche. Out of 22.41 lakh digitally on-boarded street vendors, 7.24 lakh street vendors are digitally active and have recorded 5.92 Crore number of digital transactions.

India and Australia hold bilateral on defence cooperation 12 September' 21

Defence Minister Rajnath Singh held bilateral meeting with his Australian counterpart Peter Dutton in New Delhi. Briefing media



following the meeting, Mr Singh stated he had fruitful and wide ranging discussions with his Australian counterpart.

He stated regional issues were discussed in the meeting besides bilateral defence cooperation and expanding military engagements across Services, enhancing defence information sharing, cooperation in emerging defence technologies and mutual logistics support.

The Defence Minister stated India is committed to building a robust partnership with Australia for the security and growth of the entire region. He stated India Australia partnership is based on shared vision of free, open, inclusive and rule based Indo-Pacific region. He added that both nations are keen to work jointly to realise full potential of India-Australia comprehensive strategic partnership.

Both sides noted with happiness that Australia joined the Malabar Exercise in 2020. In this context, the Indian side also expressed satisfaction in the continued participation of Australia in Malabar Exercise this year. Defence Minister Rajnath Singh apprised Minister Dutton about recent efforts towards "Atmanirbhar Bharat" and growing innovation ecosystem in India. They discussed opportunities to work together in Defence Science and Technology areas.

Australia, officially the Commonwealth of Australia, is a sovereign country comprising the mainland of the

Australian continent, the island of Tasmania, and numerous smaller islands. It is the largest country by area in Oceania and the world's sixth-largest country.

Capital: Canberra

Currency: Australian dollar

Prime minister: Scott Morrison

'Medicines from the Sky' project launched to send medicines using drones 13 September' 21

Union Minister for Civil Aviation Jyotiraditya Scindia has launched the Medicines from the Sky project to send medicines to Primary Health Care Centres



using drones. The project was launched at Vikarabad in Telangana. Drones carry a payload of vaccines and other medicines to Public Health Centres under the project. The first sortie was carried out by a drone built by SkyAir Mobility for its Consortium partner Blue Dart Express and delivered a five-kg box of vaccines to a community Health Care Center located 3 kms away.

Speaking about the project, Telangana IT Minister K Taraka Ramarao stated life-saving drugs, vaccines and blood could easily be transported to places, beating traffic and other hurdles. The

Under 'Medicine from the Sky' initiative launched by the Telangana government, drones will be used to deliver medicines and vaccines in remote areas. Telangana government has launched 'Medicine from the Sky' initiative in partnership with World Economic Forum, Niti Aayog, and HealthNet Global.

The World Economic Forum (WEF), based in Cologny, Geneva Canton, Switzerland, is an international NGO, founded on 24 January 1971 by Klaus Schwab. The foundation, which is mostly funded by its 1,000 member companies as well as public subsidies, views its own mission as "improving the state of the world by engaging business, political, academic, and other leaders of society to shape global, regional, and industry agendas".

Headquarters: Cologny, Switzerland

Founder: Klaus Schwab

Founded: January 1971

India and USA sign MoU for enhancing export of Ayurvedic medicine 15 September' 21

The Ayush Ministry has paved the way for strengthening the quality of Ayurvedic and other Indian traditional medicine products globally and also enhancing their export potential especially to the USA market.



A MoU has been signed between the Pharmacopoeia Commission for Indian Medicine and Homoeopathy and the American Herbal Pharmacopoeia, USA, on September 13, 2021. The MoU is aimed at strengthening promotion and development of standards in the field of Ayurveda and other Indian Traditional systems of medicine between the two countries on the basis of equality and mutual benefit.

Indian Pharmacopoeia Commission (IPC) is an autonomous institution of the Ministry of Health and Family Welfare which sets standards for all drugs that are manufactured, sold and consumed in India. The set of standards are published under the title Indian Pharmacopoeia (IP) which has been modelled on and historically follows from the British Pharmacopoeia. The standards that are in effect since 1 December 2010, are the Indian Pharmacopoeia 2010 (IP 2010). The Pharmacopoeia 2014 was released by Health Minister Ghulam Nabi Azad on 4 November 2013. The Pharmacopoeia 2018 was released by Secretary, Ministry of Health & Family Welfare, and Government of India.

The IPC was formed according to the Indian Drugs and Cosmetics Act of 1940 and established by executive orders of the Government of India in 1956.

Formation: 1956

Headquarters: Ghaziabad

Chairman: P. K. Pradhan

Prasar Bharati & Sansad TV ink MoU for uplink of 'Sansad TV' in HDTV format 16 September' 21

Public Broadcaster- Prasar Bharati and 'Sansad TV' which a division of Parliament of India, have entered into a Memorandum of Understanding (MoU) for uplink of 'Sansad TV' in HDTV format free of cost in exchange of archival content of LSTV and RSTV.

Prasar Bharati will also carry Sansad TV-SD in its DD Free Dish Platform. It has now been decided to merge Lok Sabha TV and Rajya Sabha TV channels and rechristen the merged entity as 'Sansad TV', which will be telecast in both HDTV and SDTV formats as Sansad TV-HD and Sansad TV-SD.



The teleport facility of Sansad TV is presently capable of uplinking only one channel in SDTV format. It is being modernized and upgraded to carry one SDTV and one HDTV signals for distribution to Cable and Satellite MSOs. The upgradation and modernization of the teleport is likely to take six months of time.

As Sansad TV is not in a position to uplink HDTV signals in C-Band till the upgradation work of its teleport facility is completed, Prasar Bharati will help uplinking of Sansad TV HDTV signals.

Sansad TV will provide such archival contents of LSTV, RSTV, Sansad TV as desired by the Prasar Bharati for Production, telecast and broadcast on their platforms including digital platforms on gratis.

Prasar Bharati, is India's largest public broadcasting agency, headquartered in New Delhi. It is a statutory autonomous body set up by an Act of Parliament and comprises the Doordarshan Television Network and All India Radio, which were earlier media units of the Ministry of Information and Broadcasting.

CEO: Shashi Shekhar Vempati

Founded: 23 November 1997

Headquarters: New Delhi

Govt launches countrywide free telemedicine consultation cum drugs facility 18 September' 21

Union Minister Jitendra Singh launched a countrywide free telemedicine consultation cum drugs facility.



The Science and Technology Minister also announced that "JIGYASA", a student-scientist connect programme will be extended to cover schools in over 700

IIT Madras has topped the Rankings in the overall category in National Institutional Ranking Framework (NIRF). IISc Bengaluru has come second, which is followed by IIT Bombay at the third place in the ranking.

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districts of India within one year. The programme jointly executed with Kendriya Vidyalaya Sangathan is currently operational in 170 districts of the country.

The countrywide free telemedicine facility will overcome the problems of accessibility, availability and affordability. The facility would target the issue of quality of services, doctors and assistance; distance of travelling; and cost of consultation and treatment.

Telemedicine services like SAATH and E-Sanjeevani add a meta-layer to the primary health sector, thus helping upgrade the entire health care system of India. The telemedicine will not only help the patients save their time and money, but also the doctors who can quickly assist their patients over a call for the same and actively engage in promptly treating patients with major ailments.

To make this possible, the majority of the people living in the country will have to embrace telemedicine services, he added. Singh stated COVID-19 taught lessons and reinforced the need for telemedicine, as doctors across the country were treating only the pandemic and patients with other diseases or ailments could not be attended because physically visiting the hospital was out of bound for them. Here, telemedicine can come in handy and help.

In his Lok Sabha Constituency of Udampur-Kathua-Doda, tele-consultation facility has been established in the district hospital at Kathua with all the panchayats connected with it and it is being monitored on a regular basis. Singh informed that the focus of "JIGYASA" was on connecting school students and scientists so as to extend student's classroom learning with that of a "very well planned" research laboratory based learning.

Income of farmers witness 59 % surge in 2019: Survey 21 September' 21

The income of farmers has witnessed 59 per cent surge in 2019. This was revealed in a Situation Assessment Survey of Agricultural Households, Land and Livestock Holdings of Households of Rural India, 2019. The survey was conducted from January to December 2019.

In an interview to English daily, Union Agriculture Secretary Sanjay Agrawal stated, the objective of this survey as to get a comprehensive idea about the income

situation of an agricultural household. He stated, the survey also showed that farmers' incomes adjusted for inflation have risen by about two per cent. Mr Agarwal stated, a total of one lakh 58 thousand crore rupees has been released so far to more than 11 crore farmers' families through direct transfer into their bank accounts under the PM-KISAN scheme.

The National Statistics Office (NSO) of Ministry of Statistics and Programme Implementation (MoSPI) carried out a survey on "Land and Livestock Holdings of Households and Situation Assessment of Agricultural Households" in the rural areas of India with an integrated schedule of enquiry. Earlier Land and Livestock Holding Surveys (LHS) and Situation Assessment Survey (SAS) of Agricultural Households used to be conducted as separate surveys. The idea is to take a holistic view of a farmers' income.

Monthly Income in Rs. Household Percentage

1. Income from wages ₹4,063 39.8%
2. Income from crop production ₹3,798; 37.2%
3. Income from farming of animals Rs. 1,582; 15.5%
4. Income from non-farm business ₹641; 6.3%
5. Income from leasing out of land ₹134; 1.3%
6. Average monthly income ₹10,218

Centre signs model MoU with CSC e-Governance Services India Limited 22 September' 21

The Department of Food and Public Distribution under Ministry of Consumer Affairs, Food and Public Distribution has entered into a model MoU with CSC e-Governance Services India Limited to increase the business opportunities and income of Fair Price Shops by way of delivery of CSC services through interested Fair Price Shop dealers. The MoU was signed by Deputy Secretary Public Distribution Jyotsna Gupta and Vice President, CSC Sarthik Sachdeva in the presence of Secretary Food and Public Distribution Sudhanshu Pandey and Managing Director of CSC Dinesh Kumar Tyagi.

For enabling Fair Price Shops to work as a CSC Service Centre, CSC has been advised to identify feasible activities like Utility Bill payments, PAN Application, Passport Application, Election Commission Services etc. to facilitate the consumer and simultaneously provide additional income to the Fair Price Shops. CSC will tie up with individual State Government for signing up of bilateral MoUs for providing interested FPS dealer's access to Digital Seva Portal for delivery of CSC services. CSC



In a glittering ceremony that reflected the whole government approach of PM Modi and saw the participation of his six cabinet colleagues, Union Minister of Ayush Sarbanand Sonowal launched the 'Y-Break' mobile application at Vigyan Bhawan.

has committed to undertake sharing of technical know-how and capacity building.

A memorandum of understanding is a type of agreement between two or more parties. It expresses a convergence of will between the parties, indicating an intended common line of action.

Common Service Centres are physical facilities for delivering Government of India e-Services to rural and remote locations where availability of computers and Internet was negligible or mostly absent.

Founder: Ministry of Electronics and Information Technology

Headquarters: Electronics Niketan, New Delhi, India

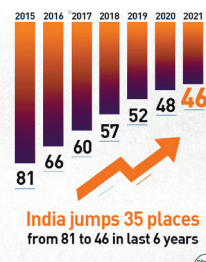
Key people: Ajay Prakash Sawhney (Chairman), Dr. Dinesh Kumar Tyagi (MD), Sanjay Kumar Rakesh (CEO)

Founded: 16 July 2009

India climbs to 46th spot in Global Innovation Index-2021 rankings

24 September' 21

India has climbed two spots and has been ranked 46th by the World Intellectual Property Organization in the Global Innovation Index 2021 rankings.



India has been on a rising trajectory, over the past several years in the Global Innovation Index, from a rank of 81 in 2015 to 46 in 2021. Innovation has been at the forefront of the battle against the unprecedented crisis created by the pandemic and will be pivotal in driving the country's resilience and self-reliance, as enshrined in the Prime Ministers' clarion call on Atma Nirbhar Bharat.

The consistent improvement in the Global Innovation Index ranking is owing to the immense knowledge capital, the vibrant start-up ecosystem and the amazing work done by the public and the private research organizations. The Scientific Departments like the Department of Atomic Energy, Department of Science and Technology, the Department of Biotechnology and the Department of Space have played a pivotal role in enriching the National Innovation Ecosystem.

NITI Aayog has been working tirelessly to ensure the optimization of the national efforts for bringing policy-led innovation in different areas such as electric vehicles, biotechnology, nanotechnology, space, alternative energy

sources, etc. The India Innovation Index, the latest edition of which was released last year by the NITI Aayog has been widely accepted as a major step in the direction of decentralization of innovation across all the states of India.

The Global Innovation Index (GII) is an annual ranking of countries by their capacity for, and success in, innovation. It is published by Cornell University, INSEAD, and the World Intellectual Property Organization, in partnership with other organisations and institutions, and is based on both subjective and objective data derived from several sources, including the International Telecommunication Union, the World Bank and the World Economic Forum. The index was started in 2007 by INSEAD and World Business, a British magazine. It was created by Prof. Soumitra Dutta. The GI is commonly used by corporate and government officials to compare countries by their level of innovation.

Indian Navy undertakes mid-sea medical evacuation of Filipino off Kochi coast

29 September' 21

The Indian Navy evacuated a Filipino crew member of a merchant vessel off the coast of Kochi after his health deteriorated rapidly due to suspected Covid-19.

Michel John Abaygar, the Chief Officer of the vessel MV Lyric Poet, was evacuated using an Advanced Light Helicopter (ALH) by the Southern Naval Command (SNC), Navy officials said.

The ship was en route to Machong from Gibraltar.

"At about 4 PM, on 28 September 2021, the SNC received an input regarding suspected Covid-19 positive case of a Filipino male crew from Coast Guard headquarters. The vessel's local agent intimated that the medical condition of the Chief Officer, Michel John Abaygar was severely deteriorating with depleting oxygen levels and required immediate medical evacuation," an Indian Navy spokesperson said.

He said an ALH was immediately launched from INS Garuda to undertake the medical evacuation.

"The pilots of the helicopter displaying tremendous skill and professionalism successfully completed the mission in adverse weather conditions and ensured safe evacuation of the patient," the spokesperson said.

Abaygar was brought to INS Garuda and subsequently admitted to INHS Sanjivini, a naval hospital, for further treatment.

In a yet another significant push towards Mission Aatmanirbhar Bharat, benefits related to 80 Percent reduced fee for patent filing & prosecution have been extended to Educational institutions as well.

Burning Topics of the Month

Uttarakhand governor Baby Rani Maurya resigns.

Nitin Gadkari inaugurated India's 1st Emergency Landing Facility on National Highway in Rajasthan.

Uttarakhand, Punjab, Tamil Nadu get new governors.

& Many More...

Ladakh declares snow leopard as state animal and black-necked crane as the state bird 02 September' 21

The Ladakh administration has declared the snow leopard as the state animal and the black-necked crane as the state bird for the union territory. In this regard, the Union Territory of Forests, Ecology, and Environment of Ladakh has issued a notification, which states that the Snow Leopard (*Panther unica*) and the Black-necked Crane (*Grus nigricollis*) are recognized as the State Animal of the Union Territory of Ladakh and It has been declared as the state bird.



The Black-necked Crane is a tall bird found only in Ladakh in India, reaching a height of about 1.35 meters. The mountainous region of the western and eastern Himalayas is the habitat of snow leopards in India. They are mainly found in Ladakh, Jammu and Kashmir, Himachal Pradesh, Uttarakhand, Sikkim, and Arunachal Pradesh.

The Kashmiri deer, also known as the Hangul, is the state animal of Jammu and Kashmir. Just as the national animal of the country is the tiger and the bird is the peacock, similarly every state has its own emblem. Ladakh is a region administered by India as a union territory. Radhakrishna Mathur is the Lieutenant Governor of the Union Territory of Ladakh.

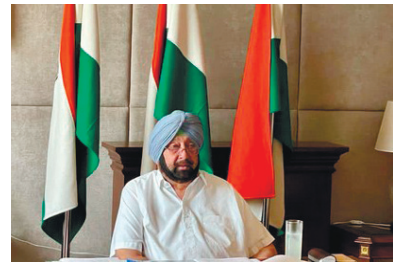
Capital: Leh

Union Territories: 31 October 2019

Main cities: Leh, Kargil

Punjab to Launch 'Mera Kaam Mera Maan' Scheme to Help Unemployed Youth 03 September' 21

The Punjab Cabinet gave a nod to a new scheme that will help the unemployed youth in the state to hone their skills and increase their chances of getting a job. These youngsters will be given short-term skill training free of cost under the "Mera Kaam Mera Maan" scheme of the state government. A target of 30,000 beneficiaries has been proposed, at a cost of ₹ 90 crores.



'Mera Kaam Mera Maan' Scheme also provides an employment assistance allowance of ₹ 2,500 per month for a period of 12 months from the start of the training course, which will be conducted at Punjab Skill Development Mission training centers.

The allowance shall be given during the training period, and after successfully completing the training, during the pre-placement and post-placement period of 12 months from the date of the start of the program. Punjab, a state bordering Pakistan, is the heart of India's Sikh community. The city of Amritsar, founded in the 1570s by Sikh Guru Ram Das, is the site of Harmandir Sahib, the holiest gurdwara (Sikh place of worship). Known in English as the Golden Temple, and surrounded by the Pool of Nectar, it's a major pilgrimage site. Also in Amritsar is Durgiana Temple, a Hindu shrine famed for its engraved silver doors.

Governor: V. P. Singh Badnore

Capital: Chandigarh

Chief Minister: Charanjit Singh Channi

Drama theaters, auditoriums, other cultural programmes to resume in Maharashtra from November

04 September' 21

Drama theatres and Auditoriums and other cultural programmes could resume in Maharashtra from November, as Maharashtra Chief Minister Uddhav Thackeray has given in-principle approval to open the drama theatres from the 5th of November. Similarly, Deputy Chief Minister Ajit Pawar has said that the State Government will not increase the restrictions during the upcoming festive season, but may come out with harsh decisions on the very next day if any violation of COVID-19 protocol is seen anywhere in the state.

Maharashtra Chief Minister Uddhav Thackeray has given in-principal approval to open the drama theatres and auditoriums and resume the cultural programmes from November 5 in the backdrop of the improving situation in the state. A delegation of Marathi theatre personalities and producers met him in Mumbai and sought permission to reopen the drama theatres. While considering their demand he gave in-principal approval and made it clear that he will be compelled to impose lockdown if the oxygen demand crosses beyond 700 metric tonnes in the state. Speaking in another meeting Deputy Chief Minister Ajit Pawar also gave a similar assurance of not imposing strict restrictions during the Ganesh Festival in the state. Maharashtra is a state in the western and central peninsular region of India occupying a substantial portion of the Deccan Plateau. The centre of India is in this state.

Governor: Bhagat Singh Koshyari

Capital: Mumbai

Chief Minister: Uddhav Thackeray

Bye-elections for Bhabanipur, Samserganj, Jangipur assembly Constituencies of West Bengal & Pipli in Odisha to be held on Sep 30

06 September' 21

The Election Commission of India has decided to hold a By-election in Bhabanipur, Samserganj, and Jangipur Assembly Constituencies of West Bengal on the 30th of September. The polling will also be held in Pipli in Odisha on the same day. The counting of votes will take place on the 3rd of October. The Model Code of Conduct has come into force with immediate effect in the

districts in which the whole or any part of the Assembly Constituency going for election is included.

The Commission has decided to use EVMs and VVPATs in the bye-elections in all the polling stations. Adequate numbers of EVMs and VVPATs have been made available and all steps have been taken to ensure that the polls are conducted smoothly with the help of these machines.

The Election Commission of India is a permanent and independent body established by the Constitution of India directly to ensure free and fair elections in the country.

Formed: 25 January 1950

Headquarters: New Delhi

First executive: Sukumar Sen

Preceding executive: Om Prakash Rawat

Current executive: Sunil Arora



Uttarakhand governor Baby Rani Maurya resigns

08 September' 21

Uttarakhand Governor Baby Rani Maurya has resigned. Only the second woman to be appointed Uttarakhand governor after Margaret Alva, Baby Rani



Maurya resigned from her position, almost two years before completing her term, confirmed Brijesh Kumar Sant, secretary to the governor.

1956 born Baby Rani Maurya took charge as Uttarakhand governor in August 2018, succeeding Krishan Kant Paul, who was appointed governor in January 2015. The only other woman governor of the state, Margaret Alva held the post from August 2009 to May 2012.

Before becoming the governor of Uttarakhand, Maurya had served on many political and administrative posts. From 1995 to 2000, she was mayor of Agra. In 2001, she was a member of the State Social Welfare Board and a member of the National Women's Commission in 2002. In 1996, she was awarded Samaj Ratna, followed by the Uttar Pradesh Ratna in 1997, and the Nari Ratna award in 1998.

In pursuance of the policy of the Modi Government of encouraging faster economic development and connectivity and under the guidance of the Union Minister of Home Affairs and Minister of Cooperation Amit Shah, a new Passenger Terminal Building (I) at ICP Petrapole was inaugurated.

NEWS BITES | STATE

Uttarakhand, a state in northern India crossed by the Himalayas, is known for its Hindu pilgrimage sites. Rishikesh, a major center for yoga study. The city hosts the evening Ganga Aarti, a spiritual gathering on the sacred Ganges River. The state's forested Jim Corbett National Park shelters Bengal tigers and other native wildlife.

Chief Minister: Pushkar Singh Dhami

Himalayan Diwas is celebrated every year on 9th September in the state of Uttarakhand 09 September' 21

The National Mission for Clean Ganga organized Himalayan Diwas on September 9, 2021, in association with Naula Foundation. This year's theme is "Contribution of the Himalayas and our responsibilities". The event was part of the ongoing celebration of "Azadi ka Amrit Mahotsav".

Himalayan Diwas is celebrated every year on 9th September in the state of Uttarakhand. It is celebrated with the aim to conserve the Himalayan ecosystem and region. It was officially declared as Himalaya Day in 2015 by the then-Chief Minister.

The Himalayas are a mountain range in Asia separating the plains of the Indian subcontinent from the Tibetan Plateau. The range has some of the planet's highest peaks, including the highest, Mount Everest. Over 100 peaks exceeding 7,200 m in elevation lie in the Himalayas. Uttarakhand, a state in northern India crossed by the Himalayas, is known for its Hindu pilgrimage sites.

Rishikesh, a major center for yoga study. The city hosts the evening Ganga Aarti, a spiritual gathering on the sacred Ganges River. The state's forested Jim Corbett National Park shelters Bengal tigers and other native wildlife.

Founded: 9 November 2000

Governor: Lt Gen Gurmit Singh

Chief Minister: Pushkar Singh Dhami

Capitals: Dehradun (Winter), Gairsain (Summer)

Nitin Gadkari inaugurated India's 1st Emergency Landing Facility on National Highway in Rajasthan 10 September' 21

Union Defence Minister, Rajnath Singh and Union Highways Minister, Nitin Gadkari inaugurated the Emergency Landing Facility on a National

Highway in Rajasthan. This emergency landing facility has been constructed on the Satta-Gandhav stretch of National Highway (NH) 925A in Barmer, Rajasthan.



This is the first time that a national highway (NH-925) will be used for the emergency landing of IAF aircraft. The project will cost ₹765.52 crores under the Bharatmala Pariyojana. The National Highways Authority of India (NHAI) has developed a 3-km section of the Satta-Gandhav stretch of NH-925A, as an emergency landing facility (ELF) for the IAF. It is part of a newly developed two-lane paved shoulder of the Gagariya-Bakhasar and Satta-Gandhav section having a total length of 196.97 km. Apart from the Emergency Landing Strip, 3 helipads have been constructed in Kundanpura, Singhania, and Bakhasar villages in this project, according to the requirements of the Air Force/Indian Army, which will be the basis for strengthening the Indian Army, and security network on the western international border of the country.

Rajasthan is the largest state of the Republic of India in terms of area. This state shares an international border with Pakistan. Apart from this, it is also connected to other five states of the country. Gujarat is in the south-west, Madhya Pradesh in the south-east, Punjab in the north, Uttar Pradesh and Haryana in the north-east.

Governor: Kalraj Mishra

Capital: Jaipur

Chief Minister: Ashok Gehlot

Uttarakhand, Punjab, Tamil Nadu get new governors 12 September' 21

President Ram Nath Kovind has appointed Lt Gen Gurmit Singh, who retired as the deputy chief of Army, governor of Uttarakhand, a post



which fell vacant after Baby Rani Maurya tendered her resignation. According to a Rashtrapati Bhavan communique, President Ram Nath Kovind accepted the resignation of Maurya and appointed Singh as the governor of the state.

Shuffling of Governors:

The President also appointed Banwarilal Purohit, currently the Governor of Tamil Nadu, as the Governor of Punjab. R. N. Ravi, presently the Governor of Nagaland, has been made the Governor of Tamil Nadu. Professor Jagdish Mukhi, Governor of Assam is appointed to discharge the functions of the Governor of Nagaland in addition to his own duties until regular arrangements are made. The President's office, in an official release, mentioned that the new appointments will take effect from the dates they assume charge of their respective offices.

Uttarakhand, a state in northern India crossed by the Himalayas, is known for its Hindu pilgrimage sites. Rishikesh, a major center for yoga study. The state's forested Jim Corbett National Park shelters Bengal tigers and other native wildlife.

Founded: 9 November 2000

Governor: Lt Gen Gurmit Singh

Chief Minister: Pushkar Singh Dhami

Capitals: Dehradun (Winter), Gairsain (Summer)

Tamil Nadu, a South Indian state, is famed for its Dravidian-style Hindu temples. In Madurai, Meenakshi Amman Temple has high 'gopuram' towers ornamented with colorful figures. On Pamban Island, Ramanathaswamy Temple is a pilgrimage site.

Capital: Chennai

Chief Minister: M. K. Stalin

J&K: DDC Chairperson flags off Rath Yatra awareness van under Swachh Bharat Mission Gramin

17 September' 21

The BUMS course in the first-ever Government Unani Medical College and Hospital of Jammu and Kashmir at Nawab Bagh of Ganderbal district will be inaugurated on September 17 by Union Minister of Ayush and Ports, Shipping and Waterways, Sarbananda Sonowal, the government said in an official press release.

The College is having an annual intake capacity of 60 BUMS students along with 60 bedded hospitals. There are 07 clinical departments: Moalijat (Medicine), Jarahat (Surgery), Ain-Uzn-Anf-Halq (Ophthalmology & ENT), Ilm-ul-Qabalatwa Niswan (Obstetrics & Gynecology), Ilmul Atfal (Paediatrics), Amraz-Jild (Dermatology), and Ilaj bit Tadbeer (Regimental Therapy) in the College.

The Ministry of Ayush has provided financial assistance to the tune of Rs.17 crore out of the estimated cost of Rs. 32.50 Crore for the establishment of the Unani Medical

College & Hospital in Kashmir under Centrally Sponsored Scheme (CSS). The Hospital of the college is expected to provide services to around three lakh people of 136 villages and will also cater to the population of adjoining districts of Srinagar, Baramulla, and Bandipora.

The Ministry of Ayurveda, Yoga, Naturopathy, Unani, Siddha, Sowa-Rigpa, and Homoeopathy is purposed with developing education, research, and propagation of indigenous alternative medicine systems in India.

Charanjit Singh Channi sworn-in as new Chief Minister of Punjab

20 September' 21

The new Chief Minister of Punjab Charanjit Singh Channi was sworn in at Raj Bhavan in Chandigarh. He became the 16th Chief Minister of



the state. Governor Banwarilal Purohit administered his oath of office and secrecy. Along with him, two senior MLAs Sukhjinder Singh Randhawa and O. P. Soni also took the oath as Cabinet Ministers. They will be the Deputy Chief Ministers in the government. Soni is a Member of the Legislative Assembly from Amritsar central while Randhawa is an MLA from Dera Baba Nanak.

At the last minute, the name of Brahm Mohindra was replaced by O. P. Soni. There were reports that senior Congress leader Brahm Mohindra refused to accept the post of Deputy Chief Minister.

Congress leader Rahul Gandhi, State Congress President Navjot Singh Sidhu, Assembly Speaker Rana K. P. Singh, Rajya Sabha Member Ambika Soni were also present on this occasion. Former Chief Minister Captain Amarinder Singh did not attend the ceremony.

Channi replaced Captain Amarinder Singh, who had resigned from the post of Chief Minister after being allegedly humiliated by the party.

Punjab, a state bordering Pakistan, is the heart of India's Sikh community. The city of Amritsar, founded in the 1570s by Sikh Guru Ram Das, is the site of Harmandir Sahib, the holiest gurdwara (Sikh place of worship).

Governor: V. P. Singh Badnore

Capital: Chandigarh

Chief Minister: Charanjit Singh Channi

In the Union Territory of Jammu and Kashmir, Lieutenant Governor, Manoj Sinha, who is the Chairman of Shri Mata Vaishno Devi Shrine Board, released 20 gram Silver Souvenir coin during the 68th meeting of the Shrine Board at Raj Bhavan, Jammu.

Burning Topics of the Month

India and Kazakhstan joint military exercise 'KAZIND-21' begins.

India's UPI and Singapore's PayNow will be linked by July 2022.

Thousands flee as volcano erupts on Spain's La Palma Island, houses destroyed.

& Many More...

India launches soft skills training programme for women entrepreneurs in Bangladesh

01 September '21

The High Commission of India in association with the ICT Ministry of Bangladesh and Women & SilkOak global limited launched a yearlong soft skills training programme in Dhaka. The training programme will help the women entrepreneurs of Bangladesh to develop communication skills and presentation skills among other soft skills beneficial to facilitate their business efforts.

More than 700 women entrepreneurs have already registered for the training series, said a press release of the High Commission of India. The programme will be run in hybrid mode with physical workshops and virtual learning elements.

The programme was inaugurated by the Bangladesh State Minister for ICT Zunaïd Ahmed Palak and High Commissioner of India to Bangladesh Vikram Doraiswami. Speaking during the inaugural function, ICT Minister Zunaïd Ahmed Palak appreciated the design of the hybrid training programme. High Commissioner Vikram Doraiswami said that India attaches priority to supporting authentic efforts within Bangladesh to enhance skills of the dynamic women entrepreneur community in the country.

He also announced that the High Commission of India will support the establishment of the 'Ishwara Chandra



Vidyasagar' Library by 'Women & E-commerce' at their premises through the donation of books and e-readers. The soft skills training program is part of the '50 years of Bangladesh' celebrations as well as the '75 years of Indian independence' celebrations, 'Azadi ka Amrit Mahotsav'.

India and Kazakhstan joint military exercise 'KAZIND-21' begins

03 September '21

The India – Kazakhstan joint military exercise KAZIND-21 commenced at Training Node Aisha Bibi, Kazakhstan. This is the 5th Edition of Annual bilateral joint exercise of both Armies and will continue till 10th of September. The fourth edition of the exercise was held at Pithoragarh, India in September 2019.

Defence Ministry stated, the contingent comprises 120 troops from Kazakhstan and 90 soldiers from the Indian Army. Both the contingents will share their expertise and skills in the field of counter-terror operations. The exercise will culminate in a 48 hours joint validation exercise scheduled on 8th and 9th of September. The validation exercise will be a test bed for the soldiers of both Armies as they would be undergoing challenges of actual operations in such scenarios.

This exercise will provide impetus to the ever growing military and diplomatic ties between the two nations. The joint exercise also reflects the strong resolve of both nations to counter terrorism and will stand shoulder to shoulder to combat the same.

Finance Minister attends 11th UK-India Economic and Financial Dialogue

04 September '21

The 11th India-United Kingdom Economic and Financial Dialogue was held virtually. Finance Minister Nirmala Sitharaman and the UK Treasury

India and Singapore will link their payment systems—Unified Payments Interface (UPI) and PayNow, respectively—to allow users to make instant, low-cost fund transfers on a reciprocal basis.

Chancellor Rishi Sunak co-chaired the meeting.

The Indian delegation included Governor of Reserve Bank of India, Chairman of Securities and Exchange Board of India, Chairman of International Financial Services Centres Authority, Secretary of Department of Economic Affairs and other representatives from Ministry of Finance, Ministry of External Affairs and Indian High Commission, UK.



The UK delegation included Governor Bank of England, Chief Executive Officer of Financial Conduct Authority, Economic Secretary and other representatives from UK, HMT.

The Dialogue covered discussions on economic cooperation on multilateral issues, including G-20 and COP-26. Both sides deliberated on furthering of Financial Services collaboration with special emphasis on Fin-Tech and GIFT City, annual India-UK Financial Market Dialogue and measures underway to reform financial markets. Infrastructure development and promotion of sustainable finance and climate finance were also discussed.

Private sector initiatives under India-UK Financial Partnership and India-UK Sustainable Finance Working Group including its progress were also discussed. The Climate Finance Leadership Initiative India partnership was launched by both sides which aims to work with financial institutions, corporates, and existing sustainable finance initiatives to accelerate efforts to mobilise capital into India. Both sides agreed to continue to work together to mobilise finances through multilateral and private means and sharing relevant experience, including of the UK's upcoming sovereign green bond issuance.

The 11th Economic and Financial Dialogue concluded with adoption of Joint Statement by Union Finance Minister and Chancellor of Exchequer of United Kingdom and release of the Joint Statement on Climate Finance Leadership Initiative India partnership.

India-US hold bilateral 2 plus 2 intersessional meeting 05 September '21

India and the United States held a bilateral 2 plus 2 Inter-Sessional Meeting at the official level in Washington DC. They reviewed progress made since the last 2 plus 2 Ministerial Dialogue in October last year and preparations for the forthcoming dialogue later this year. The Indian delegation

was led jointly by Joint Secretary (America) in the Ministry of External Affairs Vani Rao and Joint Secretary (International Cooperation) in the Ministry of Defence

Somnath Ghosh. The U.S. delegation was led by Assistant Secretary of Defence for Indo-Pacific Affairs Dr. Ely Ratner alongside Principal Deputy Assistant Secretary of State for South and Central Asian Affairs in the Department of State Ervin Massinga.

Both the sides took stock of the progress and developments in the bilateral agenda under the India-US strategic partnership, including defence, global public health, economic and commercial cooperation, science and technology, clean energy and climate finance and people to people ties. They explored opportunities for enhancing ongoing cooperation in these fields based on mutual interests. Cooperation in contemporary areas such as space, cyber security and emerging technologies was also discussed.

The officials had an opportunity to exchange assessments about recent developments in South Asia, the Indo-Pacific region and Western Indian Ocean, given their shared vision for peace, stability and prosperity and for a free, open and inclusive Indo-Pacific region. They also considered possibility of enhancing collaboration in areas of counter terrorism, Humanitarian Assistance and Disaster Relief HADR and maritime security.

The two sides agreed to continue these discussions ahead of the 2 plus 2 Ministerial Dialogue scheduled for later this year.

INTERNATIONAL



UN to raise more than 600 million dollars in aid for Afghanistan 08 September '21

The United Nations is seeking to raise more than 600 million dollars in aid for Afghanistan, warning the country is facing a major humanitarian crisis.

It is calling for international support at a conference in Geneva, following the Taliban's takeover last month. In



India pace spearhead Jasprit Bumrah was nominated for the ICC 'Player of the Month' award for August following his brilliant performances with both the bat and ball in the ongoing Test series against England.

NEWS BITES | INTERNATIONAL

his opening remarks, UN Secretary General Mr Antonio Guterres called the humanitarian crisis in Afghanistan a looming catastrophe and said the people of Afghanistan are in desperate need of a lifeline.

Mr. Guterres warned, one in three Afghans do not know where their next meal will come from, the poverty rate is spiralling and basic public services are close to collapse. He said, hundreds of thousands of people have been forced to flee their homes and at the same time Afghanistan faces a severe drought - the second to hit the country in four years. Many people could run out of food by the end of this month just as winter approaches, he added. The UN has appealed to the Taliban to give aid workers unimpeded access.

The Taliban, which refers to itself as the Islamic Emirate of Afghanistan (IEA), is a Deobandi Islamist religious and political movement and military organization in Afghanistan. The Taliban's ideology has been described as combining an "innovative" form of Sharia Islamic law based on Deobandi fundamentalism and militant Islamism, combined with Pashtun social and cultural norms known as Pashtunwali, as most Taliban are Pashtun tribesmen. The group is internally funded by its activities in the illegal drug trade by producing and trafficking narcotics such as heroin, extortion, and kidnap and ransom. They also seized control of mining operations in the mid-2010s which were illegal under the previous government.

The United Nations is an intergovernmental organization aiming to maintain international peace and security, develop friendly relations among nations, achieve international cooperation, and be a centre for harmonizing the actions of nations. It is the world's largest, and most familiar, international organization.

Founded: 24 October 1945

Headquarters: New York

Secretary General: António Guterres

India and UK aim for launching negotiations on free trade agreements by Nov 1, 2021

12 September' 21

India and UK have aimed for launching the negotiations on free trade agreements by 1st November this year. The matter came up during the discussions between



Commerce and Industry Minister Piyush Goyal and his British counterpart Secretary of State, Elizabeth Truss.

Mr Goyal said that the proposed free trade agreements (FTA) between the two countries will unlock extra ordinary business opportunities and generate jobs. He said, there is tremendous interest in the business community in both countries India and UK about this FTA.

The Minister said that there is keenness to have an early conclusion of negotiations for quick and early economic benefits to businesses on both sides. Mr Goyal added that Substantial work has already been done and extensive stakeholder consultations have been held involving Industry, Business associations, Export Promotion Councils and Buyers and Sellers Associations. He said, the consultation paper was also made public for wider participation as well.

A free trade agreement (FTA) or treaty is an agreement according to international law to form a free-trade area between the cooperating states. There are two types of trade agreements - bilateral and multilateral. Bilateral trade agreements occur when two countries agree to loosen trade restrictions between the two of them, generally to expand business opportunities. Multilateral trade agreements are agreements among three or more countries, and are the most difficult to negotiate and agree.

India's UPI and Singapore's PayNow will be linked by July 2022

13 September' 21

The Reserve Bank of India (RBI) and the Monetary Authority of Singapore (MAS) announce a project to link their respective fast payment systems viz. Unified Payments Interface (UPI) and PayNow. The linkage is targeted for operationalisation by July 2022. The UPI-PayNow linkage will enable users of each of the two fast payment systems to make instant, low-cost fund transfers on a reciprocal basis without a need to get onboarded onto the other payment system.

The UPI-PayNow linkage is a significant milestone in the development of infrastructure for cross-border payments between India and Singapore, and closely aligns with the G20's financial inclusion priorities of driving faster, cheaper and more transparent cross-border payments. The linkage builds upon the earlier efforts of NPCI International Private Limited (NIPL) and Network for Electronic Transfers (NETS) to foster cross-border interoperability of payments using cards and QR codes, between India and Singapore and will further anchor trade, travel and remittance flows between the two countries. This initiative is also in line with RBI's

India Post Payments Bank (IPPB) under Department of Posts, Ministry of Communications and LIC Housing Finance Ltd (LICHFL), the country's premier housing finance player, announced a strategic partnership for providing home loan products to over 4.5 crore customers of IPPB.

vision of reviewing corridors and charges for inbound cross-border remittances outlined in the Payment Systems Vision Document 2019-21.

UPI is India's mobile based, 'fast payment' system that facilitates customers to make round the clock payments instantly using a Virtual Payment Address (VPA) created by the customer. This eliminates the risk of sharing bank account details by the remitter. UPI supports both Person to Person (P2P) and Person to Merchant (P2M) payments as also it enables a user to send or receive money.

PayNow is the fast payment system of Singapore which enables peer-to-peer funds transfer service, available to retail customers through participating banks and Non-Bank Financial Institutions (NFI) in Singapore. It enables users to send and receive instant funds from one bank or e-wallet account to another in Singapore by using just their mobile number, Singapore NRIC/FIN, or VPA.

US, UK and Australia announce formation of AUKUS 16 September '21

US, UK and Australia have announced the formation of AUKUS - a new trilateral security partnership for Indo-Pacific region. It was announced in a joint address by British Prime Minister Boris Johnson, his Australian counterpart Scott Morrison and US President Joe Biden with a vision for a safer and more secure Indo-Pacific.



The first project of AUKUS will be to help Australia acquire a nuclear-powered conventionally-armed submarine fleet. The three heads of state reaffirmed their intention to continue to work with their allies and groupings in tandem with AUKUS, with the Quad being mentioned by Morrison and Biden.

The Quad leaders - Prime Minister Narendra Modi, Japanese PM Yoshihide Suga, Australian Prime Minister Scott Morrison and US President Joe Biden will meet at the White House on the 25th of this month. Both Quad and now AUKUS are more than likely to be seen as counterweights to China's growing muscle-flexing in the Indo-Pacific region.

The agreement covers key areas such as artificial intelligence, cyber warfare, underwater technologies, and long-range strike capabilities. It also includes a nuclear

component, possibly limited to the US and the UK, on nuclear defence infrastructure. The agreement will focus on military capability, separating it from the Five Eyes intelligence-sharing alliance that also includes New Zealand and Canada. On 17 September 2021, France, which is an ally of the three countries, recalled its ambassadors from Australia and the US; French foreign minister Jean-Yves Le Drian called the deal a "stab in the back" because it disrupted France's strategic plans for the Asia-Pacific region and led to Australia's unilateral cancellation of a French-Australian submarine deal worth €56 billion (A\$90 billion).

Thousands flee as volcano erupts on Spain's La Palma Island, houses destroyed 20 September '21

A volcano erupted on the Spanish island of La Palma, spewing lava and a thick column of smoke and prompting the authorities to evacuate thousands



of residents from nearby towns. The eruption was the first in 50 years on La Palma, a resort island in the Canary archipelago popular with visitors from northern Europe. The Canary Islands are in the Atlantic Ocean, off the northwestern coast of Africa.

Spain's military said that it would evacuate between 5,000 and 10,000 residents of villages on the edge of La Cumbre Vieja national park, as flowing lava and fires neared the surrounding farms and homes. Firefighters and emergency workers were being sent from the archipelago's larger islands, Tenerife and Gran Canaria, and Prime Minister Pedro Sánchez of Spain delayed a planned trip to New York ahead of the United Nations General Assembly. Instead, Mr. Sánchez joined members of the military's national emergency response unit in La Palma.

The volcano erupted around 3:15 p.m., dramatically belching lava into the air and sending fiery rivers of molten lava down its sides. Scientists had warned an eruption was imminent following days of increased seismic activity in the area, including a magnitude 3.8 earthquake. Home to about 85,000 residents, La Palma is one of the smallest Canary Islands. The previous most recent eruption on La Palma began in October 1971 and lasted more than three weeks. That eruption killed one person, a tourist who died after inhaling toxic gases while trying to admire the lava.

India's flagship health programme, Ayushman Bharat – the Pradhan Mantri Jan Arogya Yojana has completed three years. Around two crore 20 lakh people have been benefited under the scheme launched on this day in 2018 by Prime Minister Narendra Modi.

NEWS BITES | INTERNATIONAL

Spain, a country on Europe's Iberian Peninsula, includes 17 autonomous regions with diverse geography and cultures. Capital city Madrid is home to the Royal Palace and Prado museum, housing works by European masters. Capital: Madrid

King: Felipe VI of Spain

Currency: Euro

Bangladesh government to export 2080 MT Hilsa fish to India 24 September' 21

The government of Bangladesh has given permission to 52 trading organisations to export Hilsa fish to India on the occasion of the Durga Puja.



The Ministry of Commerce in a circular issued, allowed each organisation to export a maximum of 40 tonnes of Hilsa to India. The permission will remain effective till October 10. The companies will have to comply with the export guidelines of the country and pass through a rigorous testing process for exporting Hilsa to India.

The Government of Bangladesh has been giving special permission for export of Hilsa to India for the last few years as a token of friendship, though the export of Hilsa was banned in the country in 2012.

Last year, Bangladesh exported more than 1450 MT of Hilsa to India while the quantity of export was 500 MT in 2019.

Hilsa fish is considered a great delicacy. The demand for the fish during Durga Puja is extremely high in states like West Bengal as the quality of 'Padmar Ilish' or Hilsa fish from Padma river in Bangladesh is considered of superior quality. Bangladesh produces almost 75 percent of the world's Hilsa output.

The ilish, also known as the ilisha, hilsa, hilsa herring or hilsa shad, is a species of fish related to the herring, in the family Clupeidae. It is a very popular and sought-after food fish in the Indian Subcontinent. The most famous hilsha fish comes from Chandpur District, Bangladesh.

Scientific name: *Tenualosa ilisha*

Bangladesh, to the east of India on the Bay of Bengal, is a South Asian country marked by lush greenery and many waterways. Its Padma (Ganges), Meghna and Jamuna rivers create fertile plains, and travel by boat is common. On the southern coast, the Sundarbans, an enormous mangrove forest shared with Eastern India, is home to the royal Bengal tiger.

Capital: Dhaka

Currency: Bangladeshi taka

Prime minister: Sheikh Hasina

President: Abdul Hamid

Sri Lanka bans import of organic fertilisers manufactured in China 30 September' 21

Sri Lanka has banned the import of organic fertilisers manufactured in China after state agriculture authorities detected harmful bacteria in them for the second time. Director-General of Agriculture Ajantha De Silva urged the government to cancel the fertiliser contract with China and insisted that he would never allow organic fertiliser with harmful bacteria to enter the country. Sri Lanka was to import 99,000 metric tonnes of organic fertiliser at a cost of 63 million dollars from China's Qingdao Seawin Biotech Group Co Ltd.

On September 17, agriculture scientists in Sri Lanka found that China manufactured organic fertilisers that contained a microorganism identified as 'Erwinia'. Agriculture experts warned that China's organic fertiliser importation would create an agricultural disaster in the island nation. The Agriculture Ministry too confirmed this later but the Minister alleged that the samples which came to Sri Lanka could have tampered. Subsequently, fresh samples of China's organic fertilisers were brought to Sri Lanka and the Director-General of Agriculture told the media that the new samples too were infected with bacteria. De Silva said though the presence of Erwinia could not be confirmed, the presence of harmful bacteria in this new sample was confirmed. Subsequently, the Agriculture Ministry stated that it would halt the importation of Chinese organic fertilisers.

Burning Topics of the Month

India Post Payments Bank and LIC HFL announce partnership for home loan products.

Icra revises up FY22 GDP growth forecast to 9%.

State-run NTPC Ltd has won 1.9 gigawatt (GW) solar power project contract.

& Many More...

New Development Bank approves Bangladesh as a new member

02 September' 21

The New Development Bank (NDB) established by the BRICS ((Brazil, Russia, India, China and South Africa) countries in 2015 has approved Bangladesh as its new member. The NDB Board of Governors initiated the negotiation to expand its membership in 2020. It has now approved the United Arab Emirates, Uruguay and Bangladesh as its first new member countries.

Minister of Finance of Bangladesh AH M Mustafa Kamal said that Membership of Bangladesh to NDB has paved way for a new partnership at a momentous time of 50th anniversary of its independence. He said that the membership in the NDB is an important step forward in meeting the development vision of Prime Minister, Sheikh Hasina.

After approval of the Board, the country is required to complete its domestic processes and deposit the instrument of accession.

Since the beginning of its operations, NDB has approved about 80 projects totalling a portfolio of USD 30 billion. Projects in areas such as transport, water and sanitation, clean energy, digital infrastructure, social infrastructure and urban development are within the scope of the Bank, said a press release of the bank.

The New Development Bank, formerly referred to as the BRICS Development Bank, is a multilateral development bank established by the BRICS states. According to the Agreement on the NDB, "the Bank shall support public or private projects through loans, guarantees, equity participation and other financial instruments."

Headquarters: Shanghai

President: Marcos Prado Troyjo

Founded: 15 July 2014

First consignment of Ladakh Apricot exported to Dubai

07 September' 21

The first commercial shipment of Apricot sourced from the Union Territory of Ladakh has been exported to Dubai. The consignment of Apricot was transhipped from Leh, Ladakh to Mumbai prior to being exported to Dubai. APEDA has been working to establish an export value chain for Ladakh Apricot in association with an importer Group based in Dubai. The shipment was exported by APEDA registered Exporter from Mumbai.

Ladakh Apricots have a unique soothing taste and texture with high sugar contents and total soluble solids. Ladakh produces several varieties of Apricots out of which four to five varieties are taken up for commercial cultivation and export opportunities exist for these varieties.

Prior to this shipment, few sample shipments of fresh apricots were sent during the month of August from Leh to Dubai by air. APEDA is currently assisting the exports in building the brand of Ladakh Apricots. The fruit for the shipment was harvested, cleaned and packed by local entrepreneurs who were provided technical assistance by APEDA on the requirements of the export value chain. This export of Ladakh Apricots opens up the potential of shipments of other temperate fruits and organic products from the region to Middle-east countries. There have been repeat orders for shipment of Ladakh Apricots to various other destinations of Middle Eastern countries such as Oman and Qatar.

PM Modi to address 76th session of UN General Assembly in New York PM Modi says QUAD is a force for global good; asserts Quad countries have come together for welfare of humanity US President Joe Biden appreciates India's decision to resume COVID-19 vaccine exports from next month Make in India initiative completes seven years Cooperation Minister Amit Shah to address first mega conference of cooperatives in New Delhi

Indian cricketer Virat Kohli has announced that he will step down as the captain of Royal Challengers Bangalore after the completion of the ongoing edition of the Indian Premier League.

India Post Payments Bank and LIC HFL announce partnership for home loan products 12 September' 21

India Post Payments Bank and LIC Housing Finance Limited announced a strategic partnership for providing home loan products to over 4.50 crore customers of



India Post Payments Bank. Ministry of Communications in a statement said, through its robust and extensive network of 650 branches and more than 1.36 lakh banking access points, India Post Payments Bank, IPPB will make home loan products accessible to its customer's pan-India.

The Ministry said, the alliance with LIC Housing Finance Limited is part of IPPB's strategy to expand its range of products and services, and to cater to the banking and financial needs of diverse customers across the country.

India Post Payments Bank is a specialised division of Indian Post which is under the jurisdiction of the Department of Post a department under Ministry of Communications of the Government of India. Opened in 2018, the bank had acquired about 4.0 crore customers by December 2020.

CEO: J. Venkatramu (29 Oct 2020-)

Founded: 1 September 2018

Headquarters: New Delhi, India

LIC Housing Finance Limited is one of the largest Housing Finance Mortgage loan companies in India having its Registered and Corporate office at Mumbai. LIC HFL is a subsidiary company of LIC.

Headquarters: Mumbai

CEO: Y Viswanatha Gowd (1 Feb 2021-)

Founded: 19 June 1989

First EOI for signing long-term agreement for supply of ethanol receives overwhelming response 18 September' 21

The first Expression of Interest EOI for signing long-term agreement with upcoming dedicated Ethanol plants for supply of Ethanol has received an overwhelming response with 197 bidders participating in it.

The EOI was published by BPCL on behalf of Oil Marketing Companies under the guidance of Ministry of Petroleum and Natural Gas on 27th August which opened. The bids are currently under evaluation.

Thanking all the bidders for making the EOI successful and wishing them all the very best in their ventures, Petroleum Minister Hardeep Singh Puri said, this EOI is a proactive step taken by the Ministry and Oil companies to motivate project proponents to set up ethanol production plants in ethanol deficit states.

He said, it will pave the way forward for the nation in achieving the ethanol blending target of 20 per cent and more in the coming years.

173 Crore litre Ethanol was procured last year and 5 per cent blending was achieved during Ethanol Supply Year ESY - 2019-20. The target for ongoing year ESY - 2020-21 is 325 Crore litre which will take the blending to 8.5 per cent. Actual achievement during ESY - 2020-21 so far has been 243 Crore litre, accounting for 8.01 per cent blending. The Government has announced five different rates for Ethanol based on feedstock used for Ethanol production. GST and Transportation charges are being paid extra.

An Expression of Interest (EOI) is part of the qualification process to receive a tender document. The Buyer (the government or private organisation asking for the response) is requesting the supplier/contractors (you) to express an interest in providing goods and services for a project, such as a construction job.

FII pump in over Rs 16,000 crore in Indian capital market in September 20 September' 21

Foreign investors have pumped in over 16,000 crore rupees into the Indian capital market so far in September. According to the depositories data, Foreign Portfolio Investors, or FPIs, invested 11,287 crore rupees into equities and 5,018 crore rupees in the debt segment. This resulted into a net investment of 16,305 crore rupees in the India capital markets between the September 1 and September 17 period. Foreign investors had pumped in 16,459 crore rupees last month.

The Indian capital market is the market for long term loanable funds as distinct from money market which deals in short-term funds. Most of the trading in the Indian stock market takes place on its two stock exchanges: the Bombay Stock Exchange (BSE) and the National Stock Exchange (NSE). The BSE has been in existence since 1875. The NSE, on the other hand, was founded in 1992 and started trading in 1994.

Indian Naval Ships Shivalik and Kadmat arrived at Jakarta, Indonesia on 18 Sep 21 to participate in the 3rd edition of Bilateral Exercise 'Samudra Shakti' with the Indonesian Navy scheduled off the approaches to Sunda Strait from 20 Sep to 22 Sep 21.

Foreign Direct Investment (FDI) refers to the investment made by foreign investors to obtain a substantial interest in the enterprise located in a different country. FPI refers to investing in the financial assets of a foreign country, such as stocks or bonds available on an exchange.

There is no difference between FPI and FII. Foreign institutional investors (FII) are a single investor or a group of investors that brings in foreign portfolio investments. Hence, they are one in the same. They involve investing in financial assets like the bonds and stocks of another country.

In India, there are two depositories: National Securities Depositories Ltd (NSDL) and Central Securities Depositories Ltd (CDSL). Both the depositories hold your financial securities, like shares and bonds in dematerialised form, and facilitate trading in stock exchanges.

RBI to conduct open market purchase of Government Securities under G-SAP 2.0 21 September' 21

Reserve Bank of India will conduct open market purchase of Government Securities under the G-Sec Acquisition Programme (G-SAP 2.0) for an aggregate



amount of 15,000 crore rupees on 23rd of September. It was announced by RBI Governor at the Monetary Policy review meeting.

Simultaneously, the bank will also sale Government Securities under Open Market Operations (OMO) for an aggregate amount of 15,000 crore rupees on the same day. RBI has asked eligible participants to submit their bids/offers in electronic format on the Reserve Bank of India Core Banking Solution (E-Kuber) system between 10.00 a.m. and 11.00 a.m. on the 23rd of September. The result of the auctions will be announced on the same day.

e-Kuber is the Core Banking Solution of Reserve Bank of India. E-Kuber provides the provision of a single current account for each bank across the country, with decentralised access to this account from anywhere-anytime using portal based services in a safe manner.

The G-Sec Acquisition Programme (G-SAP) is basically an unconditional and a structured Open Market Operation (OMO), of a much larger scale and size. RBI has called the G-SAP as an OMO with a 'distinct character'

An open market operation (OMO) is an activity by a central bank to give (or take) liquidity in its currency to (or from) a bank or a group of banks. Central banks usually use OMO as the primary means of implementing monetary policy.

Icra revises up FY22 GDP growth forecast to 9% 24 September' 21

Icra expects the second half of the fiscal year to have brighter prospects due to widening coverage of COVID-19 vaccines, the robust kharif harvest is



likely to sustain the consumption demand from the farm sector while the expected acceleration in the central government spending after the withdrawal of the earlier cash management guidelines will recharge this key driver of aggregate demand, she added. The key risk to its revised projection of 9 per cent GDP growth is a potential third wave and the existing vaccines being ineffective against newer mutations of the virus, she said.

Nearly three-fourths of Indian adults could receive their second vaccine shot by the end of 2021 if the average 7.9 million doses a day recorded between September 1-26 is sustained, Icra estimated. Based on these, the agency has revised up its GVA (gross value added) growth estimate for agriculture, forestry and fishing to 3 per cent each in second and third quarters of 2021-22 from the earlier projection of a tepid 2 per cent rise, she added. The Centre's spending contracted 4.7 per cent in April-July 2021 year-on-year, and stood at 28.8 per cent of the 2021-22 Budget Estimates, the agency said, expecting a higher government spending to boost growth in second half of the year.

However, it said that trends from the industrial sector remain lacklustre in September 2021, with semi-conductor non-availability weighing upon auto production and a flattening out of GST e-way bills. Moreover, heavy rains have dampened electricity demand and are likely to distort trends in mining and construction.

India accelerates talks with Taiwan on \$7.5-billion chip plant, trade deal 26 September' 21

India and Taiwan are in talks on an agreement that could bring chip manufacturing to South Asia along with tariff reductions on components for producing

Indian Navy participated in the sea phase of Exercise Malabar 2021 from 26 – 29 August 2021 along with the US Navy (USN), Japanese Maritime Self Defence Force (JMSDF) and the Royal Australian Navy (RAN).

NEWS BITES | ECONOMY

semiconductors by the end of the year, people familiar with the matter said, a move that may spark fresh tensions with China. Officials in New Delhi and Taipei have met in recent weeks to discuss a deal that would bring a chip plant worth an estimated \$7.5 billion to India to supply everything from 5G devices to electric cars, the people said. India is currently studying possible locations with adequate land, water and manpower, while saying it would provide financial support of 50% of capital expenditure from 2023 as well as tax breaks and other incentives, the people said.

The discussions have accelerated in recent weeks as U.S. President Joe Biden seeks to shore up supplies of chips, strengthen supply chains among democracies and improve military capabilities in the region. While India and Taiwan are laying the groundwork to discuss a comprehensive trade deal covering goods, services and investments, officials in Taipei are seeking to revise the investment deal to show some early progress.

India has sought to lure high-technology investments as it seeks to become more self-reliant on chips, while Taiwan wants to strengthen its diplomatic presence around the globe as it pushes back against the pressure from China. Beijing has vowed to work toward unifying the island democracy with the mainland, even by force if necessary. Chip shortages have delayed the much-anticipated launch of a smartphone by billionaire Mukesh Ambani's Reliance Industries that has been co-engineered with Google. Currently India imports almost all semiconductors to meet demand estimated to reach around \$100 billion by 2025 from about \$24 billion now.

Taiwan has welcomed cooperation between the two sides on semiconductors although it is still evaluating the proposal given a lack of ecosystem for setting up a chip fabrication plant in India, people familiar with the matter said. Trade between them stood at \$5.6 billion in the fiscal year ended March, according to India's trade ministry.

Icra revises up FY22 GDP growth forecast to 9%

Ratings agency Icra NSE 0.83 % revised up its 2021-22 real GDP growth estimate for India to 9 per cent from the earlier 8.5 per cent. A ramp-up in COVID-19 vaccination, healthy advance estimates of kharif (summer) crop and faster government spending were the factors which led to the revision, the agency said in a statement. It can be noted that after the 7.3 per cent contraction in 2020-21, there were expectations of a higher growth number in 2021-22. However, the second wave of COVID-19 infections early

into the fiscal year, which spread even in the hinterland, made analysts more circumspect. The RBI expects the economy to grow at 9.5 per cent.

State-run NTPC Ltd has won 1.9 gigawatt (GW) solar power project contract 27 September' 21

State-run NTPC Ltd has won 1.9 gigawatt (GW) solar power project contract in the bids floated by Indian Renewable Energy Development Agency Limited (IREDA). "India's largest integrated power generating company NTPC Ltd wins 1.9 GW in the e-auction of CPSU Scheme-II, tranche-III of 5 GW tender. This capacity will enable saving of CO₂ a greenhouse gas of over 3 million tons every year," NTPC said in a statement.

This assumes significance given that the state-run NTPC Ltd recently bid a record low solar tariff of ₹1.99 per unit setting a new benchmark in the sector. State-run hydropower generator SJVN Ltd has also secured 1 GW solar power project contract in the bids called by IREDA by quoting a tariff of ₹2.45 per unit.

"NTPC was the single largest capacity winner and together with this capacity of 1.9 GW, NTPC now has over 6.3 GW capacity won through competitive biddings. This shall pave the way for NTPC's plan of 60 GW RE capacity by 2032," the statement added. This comes in the backdrop of India's plan to leverage state run power sector firms to augment its clean energy plans, with the central PSUs to be given an in-principle approval to bid for a pre-determined capacity of renewable energy projects based on their balance sheet. "CPSU scheme shall promote Atmanirbhar Bharat since projects have to necessarily use domestic content," the statement said.

NTPC is, meanwhile, preparing to list its clean energy units NTPC Renewable Energy Limited (NTPC REL) and NTPC Vidyut Vyapar Nigam Ltd (NVVN). The company has set an ambitious aim of 60 GW renewable energy capacity by 2032 from the existing 4.7 GW. It plans to invest ₹1 trillion between 2019 and 2024 to become a 130 GW power producer by 2032. NTPC Group posted a net profit of \$1.85 billion in FY21. It has also set an aim of 10% reduction in net energy intensity. The state-run company has an installed capacity of about 67 GW across 70 power projects, with 18 GW under construction.

Burning Topics of the Month

India's GM D Gukesh wins Norway Chess Open 2021.

Naomi Osaka, Stefanos Tsitsipas ousted in third round of US Open.

Virat Kohli announces to step down as Captain of T-20 team after World Cup.

& Many More...

Dale Steyn announces retirement from all forms of cricket

02 September '21

South African cricketer Dale Steyn has announced his retirement from all forms of cricket with immediate effect, ending his 20 years long cricket journey.



The 38-year-old Proteas (South Africa national cricket team) pacer last played for South Africa in T20 vs Australia in February 2020. He had also played for Royal Challengers Bangalore (RCB) in the Indian Premier League (IPL). Since making his international debut in 2004, He played 93 Tests, 125 ODIs, and 47 T20Is. The right-arm pacer, who holds the record for the fastest bowler to 400 Test wickets (80 matches), bagged 439 wickets in the longest format, 196 wickets in the ODIs, and 64 wickets in T20 internationals. The Indian Premier League is a professional Twenty20 cricket league, contested by eight teams based out of eight different Indian cities. The league was founded by the Board of Control for Cricket in India in 2007.

Current champion: Mumbai Indians (5th title)

Most Runs: Virat Kohli (6076)

Founded: 2008, India

Most wickets: Lasith Malinga (170)

Format: Twenty20

Next edition: 2022

South Africa is a country on the southernmost tip of the African continent, marked by several distinct ecosystems.

Capitals: Cape Town, Pretoria, and Bloemfontein

Currency: South African rand

President: Cyril Ramaphosa

Tokyo Paralympics: Shuttler Manoj Sarkar loses in semis, to play for bronze

05 September '21

Indian shuttler Manoj Sarkar lost the men's singles semi-final match in straight sets in the Tokyo Paralympics. Daniel Bethell of Great Britain defeated Manoj 21-8,



21-10 in the semi-final clash to seal the match in 38 minutes. The Indian shuttler will now compete for the bronze medal later. Manish Narwal, Singhraj Adhana qualified for medal round in men's mixed 50-metre Pistol event in Tokyo Paralympics. Manish Narwal is an Indian Para Pistol Shooter. He ranks fourth in the world in Men's 10m Air Pistol SH1 according to the World Shooting Para Sports Rankings. Manish is also supported by GoSports Foundation through the Para Champions Programme. Singhraj Adhana, known mononymously as Singhraj, is an Indian Paralympian and shooter. He won a silver medal in the mixed 50m pistol SH1 and a bronze medal in the Men's P1 10 metre air pistol SH1 at the 2020 Summer Paralympics.

The 2022 Summer Paralympics is the sixteenth Summer Para Olympic Games to be played in Tokyo, Japan.

Location: Tokyo

Date: 24 Aug 2021 – 5 Sep 2021

Stadium: Olympic Stadium

Events: 540 in 22 Games

Indian scientists, for the first time, have developed a thermally stable and cost-effective electronic polymer-based sensor for rapidly detecting nitro-aromatic chemicals used in high-energy explosives.

Opening Ceremony: 25 August

Paralympic Stadium: National Olympic Stadium, Tokyo

Naomi Osaka, Stefanos Tsitsipas ousted in third round of US Open 07 September '21

Defending champion Naomi Osaka of Japan and Greek third seed Stefanos Tsitsipas were both ousted from the US Open in epic stunners at Arthur Ashe Stadium. Four-time Grand Slam champion Osaka was shocked by Canadian left-hander Leylah Fernandez 5-7, 7-6, 6-4. Four-time Grand Slam champion Naomi Osaka, after a stunning US Open upset loss, said, she will take an indefinite break from playing tennis. Spain's Carlos Alcaraz upset French Open runner-up Tsitsipas 6-3, 4-6, 7-6, 0-6, and 7-6. Novak Djokovic has defeated Kei Nishikori 16 consecutive times. World number one Djokovic will face the 31-year-old Japanese star, whom he leads 17-2 in their all-time rivalry, at the US Open to decide a berth in the last 16. The wild card entrants in the women's doubles Sania Mirza and American Coco Vandeweghe were knocked out of the tournaments after they lost to Nadia Kichenok of Ukraine and Raluca Olaru of Romania 6-4, 4-6, 3-6 in the first-round clash. Naomi Osaka is a Japanese professional tennis player. She has been ranked No. 1 by the Women's Tennis Association and is the first Asian player to hold the top ranking in singles. She is a four-time Grand Slam singles champion and is the reigning champion at the US Open and the Australian Open.



Coal India Ltd signs MoU with Dept of Sports for betterment of sports infrastructure 09 September '21

Coal India Limited has signed a MoU with the Department of Sports in New Delhi for the betterment of sports infrastructure in the country. Under the MoU, Coal India Limited, under its Corporate Social Responsibility program will contribute 75 crore rupees towards the National Sports Development Fund. The fund will be used for the construction of three large hostels meant for sportspersons. These hostels will be constructed at Lakshmibai

National Institute of Physical Education, Gwalior, and Sports Authority of India's centers at Bhopal and Bengaluru with a combined capacity of 350 sportspersons. The initiative is seen as a significant step towards reaping the sports atmosphere created through recent success in the Olympics and Paralympics where India finished with the best ever medal tally. The MoU signing ceremony was held in the presence of Youth Affairs and Sports Minister Anurag Thakur and Coal Secretary, Dr. Anil Kumar Jain. Coal Ministry said these hostels will benefit talented athletes directly by creating a conducive eco-system through focused training under national-level coaches. The project will be completed by 2023 for which Coal India Limited has already released 25 crore rupees.

Sports Minister Anurag Singh Thakur felicitates Paralympics medal winners 11 September '21

The Indian Medal winners of the Tokyo 2020 Paralympics were felicitated at a function in New Delhi. Minister of Youth Affairs and Sports Anurag Singh Thakur, Minister of State for Youth Affairs and Sports Nisith Pramanik, and Law Minister Kiren Rijiju felicitated all the medal winners. The country bagged an all-time high of 19 medals including five gold, eight silver, and six bronze in the recently concluded Tokyo Paralympics Games.



Thakur said the Indian contingent has made the country proud by winning 19 medals which is a historic achievement for the country. He said, in the 2016 Paralympics, a 19 member Indian contingent was sent but this time 54 member contingent participated at Tokyo Paralympics and brought 19 medals by their stupendous performance. Union Law Minister Kiran Rijiju reiterated that every player's story is inspiring and a Sports culture in the country sets in when the players are treated as heroes. He said, Sports culture has now finally arrived in India and Prime Minister Narendra Modi has led this transformational change from the front.

President of Paralympic Committee of India Deepa Malik lauded the Prime Minister's efforts and initiatives of the Government to make divyang Sportspersons inclusive in society. She said the support given to para-athletes under Target Olympic Podium Scheme has created history.

Virat Kohli announces to step down as Captain of T-20 team after World Cup

13 September' 21

Indian Cricket Skipper Virat Kohli announced that that he will step down as Captain after the T20 World Cup which is scheduled to take place in UAE and Oman from



17th of October to 14th of November this year. He will continue to lead the team in Test matches and ODIs. In a Twitter statement, Kohli said, after a lot of contemplation and discussions with his close people, Ravi Shastri and also Rohit Sharma, who have been an essential part of the leadership group, he has taken the decision. He said that he has also spoken to BCCI Secretary Jay Shah and the President of BCCI Sourav Ganguly along with all the selectors about the same.

Virat Kohli took over as Captain in the shortest format in 2017 after M.S. Dhoni stepped down from his position. This will be the first time that Kohli will lead India in the ICC T20 World Cup. He has led the team to the final of the 2017 ICC Champions Trophy and the semi-final of the 2019 ICC World Cup in the past.

Virat Kohli is the captain of all three formats of the Indian cricket team. An elegant right-handed batsman, Kohli is regarded as one of the best batsmen in the world. He has also been the captain of the 2008 World Cup cricket winning team under the age of 19.

Pankaj Advani wins Asian Snooker Championship 2021

15 September' 21

India's top snooker and billiards player Pankaj Advani won the Asian Snooker Championship title for the second time in a row. He defeated Amir Sarkhosh of



Iran 72-42, 72-0, 70-49, 41-66, 70-17, 30-68, 34-74, 50-12, 64-44 in the final. Let us tell you that Advani won 6-3 in the 'Best of XI' final. With this win, his number of Asian titles in both snooker and billiards now stands at 11. This was Advani's first tournament in nearly two years

due to the Corona pandemic. Advani, 36, won the Asian Championships title in 2019. Last year this tournament was not organized due to Corona. Apart from this, he also has two gold medals in the Asian Games in 2006 and 2010.

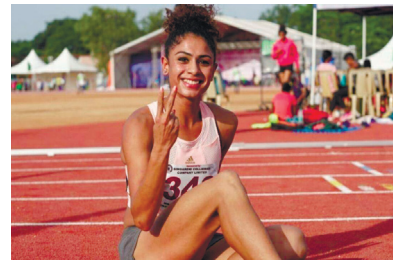
Earlier, Advani defeated 'best of nine' Hong Kong's Cheung Ka Wai 5-3 to enter the final. Advani, now a 23-time world champion, will be participating in the IBSF 6-Red Snooker World Cup that begins.

Doha is one of the Arab countries, the capital and largest city of Qatar, a peninsular country located in the Persian Gulf. The city is located on the east coast of this country and is the main economic center of the country. The total population of Doha city is 13,51,000 while its suburban areas are included, the total population is around 1.5 million.

Harmilan Kaur Bains breaks Sunita Rani's national record in 1500m race

17 September' 21

Harmilan Kaur Bains of Punjab has broken the long-standing national record of Sunita Rani in the 1500m race. He achieved this feat on the second



day of the 60th National Open Athletics Championships at the Jawaharlal Nehru Stadium in Hanamkonda, Andhra Pradesh. Delhi's K.M. Chanda was ahead of Harmilan for a long time, but in the end, Harmilan overtook her and won. Harmilan has been victorious in eight national level 1500m races since January 2020.

Naresh Kumar of Andhra Pradesh and Tarandeep Kaur of Delhi were the fastest athletes in the 100 meters race. Jawaharlal Nehru Stadium is a multi-sport stadium located in New Delhi, India. It is named after the first Prime Minister of India.

The Indian National Open Athletics Championships is an annual outdoor track and field competition organized by the Athletics Federation of India, which serves as the national championship for the sport in India.

Sport: Track and Field

Punjab, a state bordering Pakistan, is the heart of India's Sikh community. The city of Amritsar, founded in the 1570s by Sikh Guru Ram Das, is the site of Harmandir Sahib, the holiest gurdwara (Sikh place of worship). Known in English as the Golden Temple, and surrounded by the Pool

Indian-origin author Mahmood Mamdani is among four authors from around the world to be shortlisted for the 2021 British Academy Book Prize for Global Cultural Understanding.

NEWS BITES | SPORTS

of Nectar, it's a major pilgrimage site. Also in Amritsar is Durgiana Temple, a Hindu shrine famed for its engraved silver doors.

Governor: V. P. Singh Badnore

Capital: Chandigarh

Chief Minister: Charanjit Singh Channi

Beijing 2022 launched the official slogan: "Together for a Shared Future" 18 September' 21

The Beijing 2022 Winter Olympics unveiled their official motto, "Together for a Shared Future", during a ceremony at the city's Capital Museum. The motto



was chosen after a lengthy process involving a total of 79 different proposals. This motto symbolizes the Olympic spirit, the Chinese way of manifesting the Olympic spirit.

This is because 'together' is a kind of unity, harmony and a way of overcoming difficulties. The Games will be held from February 4-20, with Beijing set to become the first city to host both the summer and Winter Olympics.

The Winter Olympics 2022, officially known as the XXIV Olympic Winter Games, and commonly known as Beijing 2022, is an upcoming international winter multi-sport event that is scheduled to take place from 4 to 20 February 2022, in Beijing, and towns in the neighbouring Hebei province in the People's Republic of China. Beijing is the capital of the People's Republic of China. Beijing means "Northern Capital", while Nanjing means "Southern Capital". Beijing has been the capital of China continuously since the communist revolution in 1947 and till that time it has been the capital of China for different periods in different times.

India's GM D Gukesh wins Norway Chess Open 2021 20 September' 21

India's D Gukesh won his second consecutive tournament this month, the Norway Chess Open 2021 Masters class. Gukesh scored an unbeaten 8.5/10 and secured a full point before going on to win the tournament. Inion finished only second with 8.5/10 points, half a point ahead of top seeds Dmitrij Kolars (Germany) and Valentin Dragnev (Austria).



Chess is an intellectual and fun game played between two players. A wise-headed Brahmin named Chaturanga presented this game to the intellectuals of the world in the fifth-sixth century.

D Gukesh is an Indian chess grandmaster. He is the second youngest person in history to achieve the title "Grandmaster". Gukesh was born on 29 May 2006 in Tamil Nadu. His father, Rajinikanth is an ENT surgeon and his mother Padma is a microbiologist. He learned chess at the age of seven. He studies in Velamala Vidyalaya, Mail Ayanambakkam, and Chennai.

Norway is a country located in the continent of Europe. Its capital is Oslo. Its main and official language is Norwegian. Norway is a monarchy. The Scandinavian country is under its jurisdiction. Including mountains, glaciers and deep coastal areas. The capital of Norway is Oslo. Which is a city of green spaces and museums.

Capital: Oslo

Currency: Norwegian krone

Prime Minister: Erna Solberg

King: Harald V of Norway

Burning Topics of the Month

Skyroot Aerospace signs MoU with ISRO.

New species of blind freshwater eel discovered from Mumbai well.

Lunar crater named after Matthew Henson.

& Many More...

TNPCCB, Institute of Remote Sensing at Anna University to launch web-based geo spatial services portal

04 September' 21

Tamil Nadu Pollution Control Board along with the Institute of Remote Sensing at Anna University will launch a web-based geospatial services portal that will use satellite maps to keep tabs on industries categorized according to their functioning. TNPCCB Chairman A. V. Venkatachalam said, the pollution board will be able to know the location of the industry, type, category, various information relating to consented quantity, renewal status, whether discharge and emission protocols are followed.

The intranet system will be of great use in emergencies such as leakage of poisonous gases and can help the authorities' concerned make on-site and off-site rescue and rehabilitation plans. Details about the number of villages located near the Industry and the leakage impact can be assessed immediately. The National Remote Sensing Agency which is providing satellite maps for institutions like Anna University has relaxed the norms for getting such maps. The TNPCCB has also proposed to link the air and water quality data through its monitoring systems.

Tamil Nadu, a South Indian state, is famed for its Dravidian-style Hindu temples. In Madurai, Meenakshi Amman Temple has high 'gopuram' towers ornamented with colorful figures. On Pamban Island, Ramanathaswamy Temple is a pilgrimage site. The town of Kanyakumari, at India's southernmost tip, is the site of ritual sunrises. Capital Chennai is known for beaches and landmarks including 1644 colonial Fort St. George.

Governor: Banwarilal Purohit

Capital: Chennai

Chief Minister: M. K. Stalin

China successfully launches new Earth observation satellite "Gaofen-5 02" 08 September' 21

China successfully launched a new Earth observation satellite, Gaofen-5 02, into space, aboard a Long March-4C rocket, from the Taiyuan



Satellite Launch Centre in north China's Shanxi Province. The Gaofen-5 02 satellite is the 24th in the series of Gaofen Earth-observation satellites of China, to monitor environmental protection efforts and boost its natural resources surveillance.

Gaofen-5 02 is a hyperspectral satellite that will be used for comprehensive environmental monitoring, to improve the country's hyperspectral observation capacity of the atmosphere, water, and land.

A satellite is a moon, planet, or machine that orbits a planet or star. For example, Earth is a satellite because it orbits the sun. Likewise, the moon is a satellite because it orbits Earth. Usually, the word "satellite" refers to a machine that is launched into space and moves around Earth or another body in space. Earth and the moon are examples of natural satellites.

An Earth observation satellite or Earth remote sensing satellite is a satellite used or designed for Earth observation (EO) from orbit, including spy satellites and similar ones intended for non-military uses such as environmental monitoring, meteorology, cartography and others. The most common type are Earth imaging satellites, that take satellite images, analogous to aerial photographs; some

India's Devendra Jhajharia won the silver medal in the men's javelin throw - F46 final event at the Tokyo Paralympics with his best throw of 64.35, while Sundar Singh Gurjar won the bronze medal in the same event with his best throw of 64.01.

NEWS BITES | SCIENCE

EO satellites may perform remote sensing without forming pictures, such as in GNSS radio occultation.

China, officially the People's Republic of China is a country in East Asia. It is the world's most populous country, with a population of more than 1.4 billion.

President: Xi Jinping

Capital: Beijing

Currency: Renminbi

IIT Bombay launches 'Project Udaan' 12 September '21

Indian Institute of Technology Bombay has launched 'Project Udaan', a language translator to break the language barrier in education, which obstructs the flow of messages. Project Udaan, a donation-based project, is an end-to-end ecosystem, which can translate scientific and technical content from English to Hindi and all other Indian languages.



Project Udaan uses an AI-based translation software ecosystem to translate engineering textbooks and teaching materials and all core disciplines of higher education into the desired language, manually worked on by a team of domain and linguistic experts are taken in one-sixth of the time to do.

Artificial intelligence (AI) is a wide-ranging branch of computer science concerned with building smart machines capable of performing tasks that typically require human intelligence.

FOUR TYPES OF ARTIFICIAL INTELLIGENCE

- ✎ Reactive Machines
- ✎ Limited Memory
- ✎ Theory of Mind
- ✎ Self-Awareness

Indian Institute of Technology, Mumbai is India's leading autonomous engineering university located on the banks of Lake Powai, north-west of the city of Mumbai. It is the second largest campus in the Indian Institute of Technology chain and the largest university in the state of Maharashtra.

Established: 1958

Director: Subhasis Choudhary

Skyroot Aerospace signs MoU with ISRO 14 September '21

A Hyderabad-based space technology startup, Skyroot Aerospace has become the first private company to formally enter into an agreement with the Indian Space Research Organization. The Framework MoU will allow the company to have multiple test and access facilities at various ISRO centers and leverage ISRO's technical expertise for testing and qualification of their Space Launch Vehicle systems and sub-systems.



The agreement was signed by R Umamaheswaran, Scientific Secretary of ISRO and Chairman of the Interim IN-SPACe Committee, and Pawan Chandana, CEO, Skyroute Aerospace.

Founded by former ISRO scientists, Skyroute is building the Vikram series of rockets to carry small satellites into space.

The startup has already tested its solid propulsion rocket engine called Kalam-5, the larger version of which will power its rockets.

Skyroot Aerospace is building the Vikram series of rockets to carry small satellites into space. The first launch vehicle of the series, Vikram-1, is scheduled to be launched in 2022.

Indian Space Research Organization is the national space institute of India headquartered in Bangalore. About seventeen thousand employees and scientists are working in this institute. The main task of the institute is to provide space related technology for India.

Founder: Vikram Ambalal Sarabhai

Established: 15 August 1969

Headquarters: Bangalore

Director: Kailashvadi Sivan

IT Minister Ashwini Vaishnaw launches Phase II of Visvesvaraya PhD Scheme 17 September '21

Electronics and IT Minister Ashwini Vaishnaw launched Phase II of Visvesvaraya PhD Scheme to promote research in 42 emerging technologies virtually. Dedicating the scheme to Prime Minister

Narendra Modi on his birthday, Vaishnav said that the scheme is manifestation of Prime Minister's vision of providing world class education and opportunities for research and development to the students at the bottom of the pyramid in society. This scheme supports the talent in the country. He further said that the results of first phase of the scheme are really encouraging with 63 global patents and publication of thousands of research papers in reputed international journals. Ashwini Vaishnav is an Indian politician and former Indian Administrative Service officer currently serving as the Minister of Railways, Communications and Electronics & Information Technology of India, since 8 July 2021. He is a member of the Bharatiya Janata Party. Ministry of Electronics & Information Technology (MeitY), Government of India has conceived a scheme to enhance the number of PhDs in the Electronic Design and Manufacturing (ESDM) and IT/IT enabled Services (ITES) sector. Cabinet Committee on Economic Affairs (CCEA) has approved the scheme with a total estimated cost of ₹466 crore (Rupees Four Hundred One Crore only) over a period of nine years. Digital India Corporation (Formerly Media Lab Asia) (a Section-25 not-for-profit organization of Ministry of Electronics & Information Technology (MeitY) would be responsible for providing implementation support to the scheme.

Lunar crater named after Matthew Henson 28 September '21

The International Astronomical Union has named a crater on the South Pole of the Moon after the Arctic explorer Matthew Henson, a Black man who in 1909 stood at the very top of the world. The Henson Crater is located between the de Gerlache and Sverdrup craters on the South Pole of the Moon. It is the same region on the Moon where the NASA Artemis program aims to land its lunar explorers. The suggestion came in from Jordan Bretzfelder who is an Exploration Science summer intern with the Lunar and Planetary Institute in Houston, Texas, US. The Institute is a member of the Solar System Exploration Research Virtual Institute. The intern Bretzfelder said, "it felt like a disservice" that the contributions of Henson to Polar science had not been recognized. The Chief Scientist at NASA also said, "Henson exemplifies the kind of exploration the NASA strives to do."

Matthew Henson during Peary's expedition to reach the North Pole in the Arctic region was on the front lines as the group searched for the pole. Footsteps of Henson were found to be first at the North Pole among the group. Though it is possible that the indigenous people in the Arctic region who had been living in the region must have explored the

pole but by the account of Henson, he was the first person who reached the very top of the globe.

Henson, born in 1866 in Maryland, was an experienced explorer and a skilled carpenter. He had been a part of many Arctic expeditions that were organized by Robert Peary.

The Henson Crater is located between the de Gerlache and Sverdrup craters on the South Pole of the Moon. The crater is in the same region on the Moon where the NASA Artemis program aims to land its lunar explorers.

The Artemis mission of NASA aims at studying planetary processes and creating the infrastructure to advance human exploration at the Moon and then Mars. The naming of Henson Crater after Matthew Henson is "a fitting continuation of the incredible journeys that Earth explorers like Henson took over a century ago," said NASA.

New species of blind freshwater eel discovered from Mumbai well 30 September '21

A new species of the blind swamp eel belonging to the genus *Rakthamichthys* has been discovered from a well in Mumbai, naturalist Tejas Thackeray, son of Maharashtra Chief Minister Uddhav Thackeray, announced.

The new species is a 'hypogean freshwater eel' and the discovery was credited to Tejas Thackeray, Praveenraj Jaisimhan, Anil Mohapatra and Annam Pavan Kumar.

Mr. Thackeray made the announcement on Instagram.

"I believe it is my most remarkable discovery till date... A new species of a blind hypogean freshwater eel from Mumbai, named as '*Rakthamichthys mumba*', after my home city Mumbai," he said.

"Pleased to introduce you to a species we collected a few years ago and worked on throughout the pandemic. A journey full of ups and downs, and it finally gets to see the light of day. Presenting a new blind hypogean freshwater eel from my city – *Rakthamichthys mumba* – the Mumbai blind eel!" said Mr. Thackeray in the Instagram post.

It is the first completely blind subterranean freshwater fish species to be described from Maharashtra and the northern Western Ghats, he said, adding that the study was published in '*Aqua International Journal of Ichthyology*'.

The group decided to name the species after Mumbai's local deity, Mr. Thackeray said.

"The species' name '*mumba*' refers to the locality, the city of Mumbai. The word '*mumba*' derives its roots from the Marathi language, which is a tribute to Mumba Aai, a deity worshipped by the inhabitants of this city," he said.

ISRO said it successfully conducted the first hot test of the System Demonstration Model (SDM) of the Gaganyaan Service Module Propulsion System for a duration of 450 seconds at the test facility of Propulsion Complex (IPRC), Mahendragiri, Tamil Nadu.

Burning Topics of the Month

**Sardar Iqbal Singh
Lalpura takes charge
as Chairman, National
Commission for Minorities.**

**National Mineral
Development Ltd gets
“Rajbhasha Keerthi
Puraskar” award.**

**Dharmendra Pradhan
presents Kaushalacharya
Awards 2021 to 41 skill
trainers.**

& Many More...

Himachal Pradesh administered Corona vaccine to 100 percent of its eligible population 01 September' 21

Himachal Pradesh has achieved a unique distinction of achieving cent percent target of first dose of Covid-19 vaccination above the age of 18 years.



Prime Minister Narendra Modi has congratulated the State Government and has agreed to virtually address the people of the State on 6th of September. He will also interact with few frontline workers, who have done exceptional work in achieving this target.

While presiding over a video conferencing meeting with Deputy Commissioners, Superintendents of Police, Chief Medical Officers and other senior officers of the state from Shimla Chief Minister Jai Ram Thakur stated that health workers would also interact with the Prime Minister and share their views regarding making this vaccination campaign a success.

Chief Minister directed the officers that adequate arrangements should be made for sitting of general public at the venue where the event would be screened.

Himachal Pradesh is a northern Indian state in the Himalayas. It's home to scenic mountain towns and resorts such as Dalhousie. Host to the Dalai Lama, Himachal Pradesh has a strong Tibetan presence. This is reflected in its Buddhist temples and monasteries, as well as its vibrant Tibetan New Year celebrations. The region is also well known for its trekking, climbing and skiing areas.

India and ADB sign 300 Mn dollar loan to expand rural connectivity in Maharashtra 09 September' 21

Indian govt. and the Asian Development Bank (ADB) have signed a 300 million dollar loan as additional financing to scale up improvement of rural



connectivity to help boost rural economy in Maharashtra. The additional financing for the ongoing Maharashtra Rural Connectivity Improvement Project will help improve an additional 1,100 rural roads and 230 bridges for a total length of 2,900 kilometres in 34 districts.

The ongoing project with 200 million dollar financing, approved in August 2019, is already improving and maintaining the condition and safety of 2,100 kilometres of rural roads. The signatories to the loan agreement were Additional Secretary, Ministry of Finance, Rajat Kumar Mishra and Country Director of ADB's India Resident Mission, Takeo Konishi.

Ministry of Finance stated, with the additional financing, the overall project will improve the condition and safety of five thousand kilometre of rural roads and over 200 bridges connecting rural communities. The Ministry stated, the new project is expected to generate about 3.1 million person-days of employment for local communities, of which at least 25 per cent will be for women, over the construction and maintenance periods. It stated, a gender action plan has been prepared to focus on capacity development of women workers so that they can benefit from the semiskilled and unskilled labor opportunities.

Sardar Iqbal Singh Lalpura takes charge as Chairman, National Commission for Minorities

10 September' 21

Sardar Iqbal Singh Lalpura took charge as the Chairman, National Commission for Minorities in the presence of Minority Affairs Minister Mukhtar Abbas Naqvi in New Delhi.



Speaking on the occasion, Mr Naqvi extended his best wishes to Sardar Iqbal Singh Lalpura in his new responsibility. He stated that his vast experience in administration, social and literary fields will be helpful in strengthening Prime Minister Narendra Modi's commitment to "Sabka Sath, Sabka Vikas, Sabka Vishwas, and Sabka Prayas".

He stated that the government's efforts for empowerment of all sections have shown results on ground. Mr Naqvi stated that the Government has ensured justice to the victims of 1984 riots by constituting an SIT. The Minister stated that the long-pending demand of Kartarpur Corridor has been fulfilled and the Government has also decided to start the "Gurudwara Circuit Train" that will take passengers on a pilgrimage across the country. Mr Lalpura stated that the Prime Minister has given him an opportunity to serve the people and he would try his best to serve the society.

The Union Government set up the National Commission for Minorities (NCM) under the National Commission for Minorities Act, 1992. Six religious communities, viz; Muslims, Christians, Sikhs, Buddhists, Zoroastrians (Parsis) and Jains have been notified in Gazette of India as minority communities by the Union Government all over India. Original notification of 1993 was for five religious communities; Sikhs, Buddhists, Parsis, Christians and Muslims, later in 2014, Jains community was also added. As per Census 2001, these six communities consist of 18.8% of the country's population.

National Mineral Development Ltd gets "Rajbhasha Keerthi Puraskar" award

15 September' 21

The highest and the most prestigious "Rajbhasha Keerthi Puraskar" award was presented to National Mineral Development Ltd. (NMDC), under

Kerala, boasting of a high literacy rate and unique literary and cultural tradition, will soon have a museum to showcase the legacy, which is considered to be the first-of-its kind language-literary and cultural museum in the world.

Ministry of Steel during the Rajbhasha Diwas Samaroh in New Delhi.

NMDC secured the third prize in the category of Undertakings situated in "C" region for the year 2019-20. Hindi Diwas Samaroh was presided over by Home Minister Amit Shah. During the function Dr. Sailesh Shukla, Assistant Manager (Rajbhasha), NMDC Donimalai Iron Ore Project was also felicitated with the "Rajbhasha Gourav Puraskar" for his published article.

NMDC has been winning this accolade for the last three years in a row, which goes on to show its dedication towards the implementation of Hindi as the Official Language.

Visakhapatnam Steel plant has been bestowed with the 'Rajbhasha Keerti Puraskar'-FIRST PRIZE for effective implementation of Official Language Hindi for the year 2020-21. The award was given by Minister of State for Home Affairs, Nityanand Rai on the occasion of National Hindi Day Celebrations in New Delhi.

NMDC Limited, (formerly National Mineral Development Corporation), is a government owned mineral producer. It is under the administrative control of Ministry of Steel, Government of India. It is involved in the exploration of iron ore, copper, rock phosphate, limestone, dolomite, gypsum, bentonite, magnesite, diamond, tin, tungsten, graphite, etc. It is India's largest iron ore producer and exporter, producing more than 35 million tonnes of iron ore from three mechanized mines in Chhattisgarh and Karnataka. It also operates the only mechanized diamond mine in the country at Panna in Madhya Pradesh.

Operating mines

Bailadila Iron Ore Mine, Kirandul Complex, South Bastar district, Dantewada (C.G.) Steel

Bailadila Iron Ore Mine, Bacheli Complex, South Bastar district, Dantewada (C.G.)

Donimalai Iron Ore Mine, Donimalai, Bellary district, Karnataka

Diamond Mining Project, Majhgawan, Panna (M.P.)

Dharmendra Pradhan presents Kaushalacharya Awards 2021 to 41 skill trainers

17 September' 21

Union Education Minister and Skill Development Minister Dharmendra Pradhan virtually presented Kaushalacharya Awards 2021 to 41 skill trainers for their exemplary contribution to the skill ecosystem. These 41 trainers are from several initiatives and training programmes of Skill India— Directorate General of Training (DGT), Apprenticeship,

NEWS BITES | MISCELLANEOUS

Pradhan Mantri
Kaushal Vikas
Yojana (PMKVY),
Jan Shikshan
Sansthan (JSS) and
Entrepreneurship.



Speaking on the occasion Pradhan said that our skill trainers have to play a crucial role in realizing the vision of our Prime Minister of making India, the skill capital of the world. He urged that we must work towards making skill more aspirational. He called for a deep-dive into the future of jobs and understand the skill demand of the future. Pradhan pitched for adopting a bottom-up approach with a focus on innovative ways to upskill our trainers, and plan skill development at the grassroots.

The Minister stressed that the NEP has called for convergence of education and skills and Government is working on providing academic equivalence to skills and creating a robust integrated ecosystem. He said that the new business and skilling models are evolving which will play an important role in the post-pandemic world. With the paradigm of 'Padhai and Kamai', we must leverage this opportunity to empower our youth, he added.

The Minister also said that Prime Minister Narendra Modi has given a clarion call for Sabka Saath, Sabka Vikas, Sabka Vishwas, Sabka Prayaas. This should be our spirit in all efforts as we move towards completing 100 years of India's independence, he added.

Trainers were honoured for their contribution under various categories. Five trainers were awarded under the two categories of PMKVY Trainer and Excellence in PMKVY Master Trainer. Nine trainers received the award under JSS and two trainers were rewarded for their contribution to entrepreneurship. In addition, five candidates received awards under the apprenticeship category and two trainers were awarded from DGT for non-engineering category. Two awardees were felicitated in engineering category. Industrial Training Institutes (ITIs), pillars of India's vocational training ecosystem, had as many as 11 trainers who were felicitated.

New government announced in Lebanon; Najib Mikati becomes PM 20 September' 21

A new government has been announced in Lebanon over a year after the previous administration quit following the devastating Beirut port explosion.

Najib Mikati - Lebanon's richest man - becomes Prime Minister, a position he has held twice before. His appointment, along with the naming of a new cabinet, ends



months of political paralysis. It comes as Lebanon grapples with some of the severest domestic crises it has faced in its history.

The value of the currency has collapsed, unemployment and inflation have soared, electricity, fuel and medicines are in short supply and the country has been rocked by nearly two years of protests calling for wholesale political reforms.

Lebanon had been without a proper functioning government since then-Prime Minister Hassan Diab resigned days after a massive blast on 4th of August last year destroyed Beirut port and the surrounding area.

The explosion, caused by improperly stored ammonium nitrate, killed 203 people, injured at least 6,000 others and left billions of dollars of damage.

Prime Minister Najib Mikati and Central Bank Governor Riad Salameh are among several Lebanese political and financial officials named in the Pandora Papers with wealth hidden in offshore tax havens, at a time when millions of Lebanese people cannot access their savings in the banks.

The Pandora Papers, published, are based on 11.9 million confidential files leaked to the International Consortium of Investigative Journalism (ICIJ), which found links to more than 330 politicians and public officials, including 35 current and former national leaders, in 91 countries and territories.

India and US discuss issues pertaining to bilateral defence cooperation and regional matters 23 September' 21

India and US discussed issues pertaining to bilateral defence cooperation and regional matters including situation in Afghanistan. In a telephonic talk between Defence Minister Rajnath Singh and US defence secretary Lloyd Austin, both the countries agreed to continue the useful dialogue. Both the leaders also exchanged views about combating terrorism in the region. Mr Singh and Mr Austin appreciated the mutual

Prime Minister Sheikh Hasina donates Taka 3 crore for Durga Puja in Bangladesh 29 September' 21

cooperation in the recent evacuation operations in Afghanistan. Both the countries stressed on the need to strengthen the partnership further.

The U.S.-India partnership is founded on a shared commitment to freedom, democratic principles, equal treatment of all citizens, human rights, and the rule of law. The United States and India have shared interests in promoting global security, stability, and economic prosperity through trade, investment, and connectivity. The United States supports India's emergence as a leading global power and vital partner in efforts to ensure that the Indo-Pacific is a region of peace, stability, and growing prosperity. The strong people-to-people ties between our countries, reflected in a four million-strong Indian American diaspora, are a tremendous source of strength for the partnership. In December 2019, the United States hosted the second 2+2 Ministerial Dialogue in Washington led by the U.S. Secretaries of State and Defense and their Indian counterparts, at which both sides reaffirmed India's status as a Major Defense Partner and deepened cooperation on maritime security, interoperability, and information sharing.

While the 2+2 serves as the premier dialogue mechanism between the United States and India, there are more than thirty bilateral dialogues and working groups, which span all aspects of human endeavor, from space and health cooperation to energy and high technology trade. These include the U.S.-India Counterterrorism Joint Working Group, which was established in 2000 and is among our oldest government to government dialogues, as well as the Strategic Energy Partnership, Cyber Dialogue, Civil Space Working Group, Trade Policy Forum, Defense Policy Group and many more.

Prime Minister Sheikh Hasina donated Taka 3 crore to the Hindu Kalyan Trust (HKT) on the occasion of the Durga Puja, reports the official news agency BSS. The cheque of Taka 3 crore was handed over to the HKT Secretary Dr. Dilip Kumar Ghosh by Dr. Ahmad Kaikaus, the Principal Secretary of Prime Minister Sheikh Hasina at the Prime Minister's Office (PMO) in Dhaka.

Durga Puja is the biggest festival of Hindus in Bangladesh. Last year, Puja was organised in Bangladesh in 30,223 mandaps including 233 mandaps in the capital city Dhaka alone. Durga Puja, also known as Durgotsava, or Sharodotsava, is an annual Hindu festival originating in the Indian subcontinent which reveres and pays homage to the Hindu goddess, Durga.

Durga Puja, also known as Durgotsava, or Sharodotsava, is an annual Hindu festival originating in the Indian subcontinent which reveres and pays homage to the Hindu goddess, Durga. It is particularly popular and traditionally celebrated in the Indian states of Bihar, West Bengal, Assam, Odisha, Tripura, and the country of Bangladesh. The festival is observed in the Indian calendar month of Ashwin, which corresponds to September–October in the Gregorian calendar, and is a ten-day festival, of which the last five are of significance. The puja is performed in homes and in public, the latter featuring a temporary stage and structural decorations (known as pandals). The festival is also marked by scripture recitations, performance arts, revelry, gift-giving, family visits, feasting, and public processions. Durga puja is an important festival in the Shaktism tradition of Hinduism.

WHO'S WHO | DESIGNATION

WHO'S WHO		
S.No.	DESIGNATION	NAME
1.	Chairman, Rajya Sabha	Venkaiah Naidu
2.	Lok Sabha Speaker	Om Birla
3.	Chairman of NITI Ayog	Narendra D. Modi
4.	Leader of Opposition in Rajya Sabha	Mallikarjun Kharge
5.	Leader of House in Lok Sabha	Narendra D. Modi
6.	Leader of Opposition in Lok Sabha	-
7.	Chief Election Commissioner	Sushil Chandra
8.	Election Commissioner	Rajiv Kumar, Anup Chandra Pandey
9.	Director General, ITBP	Sanjay Arora
10.	Central Vigilance Commissioner	Suresh N. Patel
11.	Foreign Secretary	Harsh Vardhan Shringla
12.	Comptroller & Auditor General of India	G. C. Murmu
13.	Director, Vikram Sarabhai Space Centre	S. Somanath
14.	Chairman, Telecom Regulatory Authority of India	Dr. P. D. Vaghela
15.	CBI Director	Subodh Kumar Jaiswal
16.	Chairman, National Commission for Scheduled Tribes	Harsh Chauhan
17.	Chairperson, National Commission for Minorities	Sardar Iqbal Singh Lalpura
18.	Chairman, UPSC	Pradeep Kumar Joshi
19.	Director General, National Investigation Agency	Kuldiep Singh
20.	Chairman, Space Commission and ISRO	K. Sivan
21.	Chairman, Atomic Energy Commission and Sec. Deptt. of Atomic Energy	K. N. Vyas
22.	Chairman, SSC	Deepti Umashankar
23.	Chairman, National Human Rights Commission	Justice H.L. Dattu
24.	Registrar General and Census Commissioner of India	Vivek Joshi
25.	Chairman, Central Board of Direct Taxes	J.B. Mohapatra
26.	Chairman, Insurance Regulatory Development Authority of India	Subash Chandra Khuntia
27.	Chairman, Securities & Exchange Board of India	Ajay Tyagi
28.	Chairperson, State Bank of India	Dinesh Kumar Khara
29.	India's permanent representative in UNO	T S Tirumurti
30.	Home Secretary	Ajay Kumar Bhalla
31.	Chairperson of National Commission for Women	Rekha Sharma
32.	Chairman, 15th Finance Commission	N. K. Singh
33.	Chairman, Competition Commission of India	Ashok Kumar Gupta
34.	Chairperson, Central Board of Film Certification	Prasoon Joshi
35.	President, ASSOCHAM	Vineet Agarwal
36.	Chairman, NASSCOM	UB Pravin Rao
37.	Chief of Defence Staff	General Bipin Rawat
38.	Chief of Air Staff	Air Chief Marshal R.K.S. Bhadauria
39.	Chief of Naval Staff	Admiral Karambir Singh
40.	Chief of Army Staff	General Manoj Mukund Naravane
41.	Chief, RAW	Samant Goel
42.	Director, Bhabha Atomic Research Centre	A.K. Mohanty
43.	National Commission for Scheduled Castes	Vijay Sampla
44.	President, FICCI	Uday Shankar
45.	Chairman of 21st Law Commission	Dr. Justice BS Chauhan
46.	National Security Advisor	Ajit Doval
47.	Chairperson, Prasara Bharati	Dr. A. Surya Prakash
48.	DG of National Testing Agency	Vineet Joshi
49.	Finance Secretary	Ajay Bhushan Pandey
50.	Chairman, Indian Banks Association	Rajkiran Rai G

Data as on 12th October, 2021

EDITORIAL WORD

Fustigate

Pronunciation: \fus-ti-gate | \ ' fə-stə-, gāt/

Meaning:

Transitive verb

1: CUDGEL

2: to criticize severely

Examples: Matthew was thoroughly fustigated for failing to reserve a table large enough to accommodate all of the visitors from the corporate main office.

Etymology

It's no wonder that "fustigate," when it first appeared in the 17th century, originally meant "to cudgel or beat with a short heavy stick," a sense that reflects the word's derivation from the Latin noun fustis, which means "club" or "staff." The "criticize" sense is more common these days, but the violent use of "fustigate" was a hit with earlier writers like George Huddesford, who in 1801 told of an angry Jove who "cudgell'd all the constellations, ... / Swore he'd eject the man i' the moon ... / And fustigate him round his orbit."

SIMILAR WORDS:

- ✎ bash
- ✎ bludgeon
- ✎ clobber
- ✎ pummel
- ✎ whack
- ✎ baste
- ✎ batter
- ✎ beat

- ✎ blackjack
- ✎ clout
- ✎ cosh
- ✎ cudgel
- ✎ hammer
- ✎ pommel
- ✎ pound
- ✎ strike

ANTONYMS FOR fustigate

MOST RELEVANT

- ✎ approve
- ✎ commend
- ✎ compliment
- ✎ exonerate
- ✎ forgive
- ✎ laud
- ✎ praise
- ✎ flatter
- ✎ lose

EXAMPLE:

The abusive husband tends to fustigate his wife, beating her down emotionally with his cruel name-calling.

Because he didn't mind getting dirty during his campaign, the mayor began to fustigate his opponent with harsh criticism.

Cruel and hateful, the evil stepmother continues to fustigate her stepdaughter with nasty comments.



The Pandora Papers are 11.9 million leaked documents (comprising 2.9 terabytes of data) that were published by the International Consortium of Investigative Journalists (ICIJ) beginning on 3 October 2021. The leak exposed the secret offshore accounts of 35 world leaders, including current and former presidents, prime ministers, and heads of state as well as more than 100 billionaires, celebrities, and business leaders. The news organisations of the ICIJ described the document leak as their most expansive exposé of financial secrecy yet, containing documents, images, emails and spreadsheets from 14 financial service companies, in nations including Panama, Switzerland and the UAE, surpassing their previous release of the Panama Papers in 2016, which had 11.5 million confidential documents. At the time of the release of the papers, the ICIJ said it is not identifying its source for the documents.

Up to an estimated US\$32 trillion (excluding non-monetary valuables such as real estate, art, and jewelry) may be hidden from being taxed, according to news reports.

Disclosures

In total, 35 current and former national leaders appear in the leak, alongside 400 officials from nearly 100 countries. Among those names are former British Prime Minister Tony Blair, Chilean President Sebastián Piñera, Kenyan President Uhuru Kenyatta, Montenegrin President Milo Đukanović, Ukrainian President Volodymyr Zelensky, Qatari Emir Sheikh Tamim, United Arab Emirates Prime Minister and Dubai ruler Mohammed bin Rashid Al Maktoum, Gabonese President Ali Bongo Ondimba, Lebanese Prime Minister Najib Mikati, Ecuadorian President Guillermo Lasso and Cypriot President Nicos Anastasiades. More than 100 billionaires, 29,000 offshore accounts, 30 current and former leaders, and 336 politicians were named in the first leaks on 3 October 2021.

King Abdullah II of Jordan is one of the main figures named in the papers, with documents showing he had invested over US\$100 million in property across the UK and the US; they included houses in Cliffside Drive, Malibu, Washington, D.C., London and Ascot in the UK. A UK company controlled by Cherie Blair was shown

to have acquired a £6.45 million property in London by purchasing Romanstone International Limited, a British Virgin Islands company; had the property been acquired directly, £312,000 would have been payable in stamp duty. Tony Blair's name appears in a statement of joint income for the associated mortgage. The papers also reveal how an office block owned by the Azerbaijan's ruling Aliyev family was sold to the Crown Estate, the sovereign's public estate, for £66 million in 2018, netting the Aliyevs a £31 million profit. Another office block worth £33 million was sold to the family in 2009, and was gifted to Heyder Aliyev, son of Azerbaijan's President Ilham Aliyev. Elsewhere, a close associate of Vladimir Putin was revealed to have secret assets in Monaco, and Andrej Babiš, Prime Minister of the Czech Republic, who had campaigned on promising to crack down on corruption and tax evasion, did not declare the use of an offshore investment company in the purchase of eight properties, including two villas, in Mougins on the French Riviera for £12 million. Kenyan President Uhuru Kenyatta was also mentioned, despite being quoted in 2018 as stating, "Every public servant's assets must be declared publicly so that people can question and ask – what is legitimate?" Kenyatta and six members of his family have been linked to 13 offshore companies. The leaked list included also transnational criminal organization leaders, such as Raffaele Amato, boss of the Amato-Pagano clan, a clan within the Camorra, dedicated to international drug trafficking. Amato used a shell company in the UK to buy land and real state in Spain.

Other global names mentioned include Shakira, who was incorporating new offshore entities while going on trial for tax evasion; model Claudia Schiffer; Indian cricket player Sachin Tendulkar; Alexandre Cazes, the founder of the dark web site AlphaBay, used to deal in illegal drugs; Pakistan's finance minister, Shaukat Fayaz Ahmed Tarin, and several of family members of Pakistan's top generals; and the CEO of Channel One Russia, Konstantin Ernst. Miguel Bosé, Pep Guardiola and Julio Iglesias are also named.

Reactions

Jordan: The Jordanian government called claims made about King Abdullah II in the leak "distorted", while the

King himself denounced what he claimed was a "campaign against Jordan".

Pakistan: Prime Minister Imran Khan said that all citizens mentioned in the Pandora Papers would be investigated and appropriate action taken in case of wrongdoing.

Malaysia: Opposition leader Anwar Ibrahim called for the content of the Pandora Papers to be discussed in Parliament after it was revealed several officials, including current finance minister Tengku Zafrul Aziz, as well as former finance minister Daim Zainuddin were named in the leaks.

Czech Republic: The Czech National Police promised an investigation into any citizens mentioned in the Pandora Papers, including Prime Minister Andrej Babiš. Babiš denied any wrongdoing, and alleged that the timing and/or content of the leak was aimed at influencing the upcoming legislative election.

Ireland: Tánaiste Leo Varadkar stated that the Irish government and legislature would move immediately to close any loopholes in tax or company law that allow individuals and businesses to use the country as an offshore location.

Russia: The Russian government dismissed the information in the Pandora Papers as "unsubstantiated claims" after several individuals linked to the government were mentioned in the leak.

Mexico: President Andrés Manuel López Obrador stated that he would push for an investigation into any Mexican nationals named in the leak.

Panama: The Procuraduría General de la Nación (PGN), a government agency, was reported to be analyzing the contents of the leak, seeking foundations for a criminal investigation.

Ecuador: President Guillermo Lasso said that he voluntarily cooperated with the Pandora Papers investigation, and that regarding his naming in the leak, "most of the societies mentioned were legally dissolved in the past, and I have no link with those that may still exist".

India: Multi-agency probe ordered

The Indian Ministry of Finance promised an investigation into the revelations in the leak, and that appropriate legal action would be taken if necessary.

The government directed the chairman of Central Board of Direct Taxes (CBDT) to lead a multi-agency probe involving the Enforcement Directorate (ED), the Reserve Bank of India (RBI) and the Financial Intelligence Unit (FIU) against individuals and corporate entities named in "Pandora Papers" media investigation.

Post-investigation action will be taken against unscrupulous elements as per the Black Money (Undisclosed Foreign

Income and Assets) and Imposition of Tax Act, 2015, the Union finance ministry said. Following similar leaks in the past by the International Consortium of Investigative Journalists (ICIJ), the government enacted the act with an aim to curb black money, undisclosed foreign assets or undeclared incomes. It provides for "suitable tax and penalty" in such cases.

ICIJ on Sunday (October 3, 2021) came out with what was claimed to be a 2.94 terabyte data trove that exposes the offshore secrets of wealthy elites from more than 200 countries and territories.

The latest investigation is based on a leak of confidential records of 14 offshore service providers that give professional services to wealthy individuals and corporations seeking to incorporate shell companies, trusts, foundations and other entities in low or no-tax jurisdictions, the statement said.

To ensure effective investigation in these cases, the government will also proactively engage with foreign jurisdictions for obtaining information in respect of relevant taxpayers and entities, the statement said.

The government is also part of an Inter-Governmental Group that ensures collaboration and experience-sharing to effectively address tax risks associated with such leaks, it added.

List of Indians

According to a News report, there are over 300 Indian names in the Pandora Papers leak, including over 60 prominent ones. The report adds that these will be corroborated and revealed in the coming days. Here are some of the high profile names that have been made public so far:

- ✕ Anil Ambani
- ✕ Sachin Tendulkar
- ✕ Nirav Modi
- ✕ Nira Radia
- ✕ Gandhi family friend Satish Sharma
- ✕ Cox and Kings' Ajit Kerkar
- ✕ Kiran Mazumdar Shaw
- ✕ Bollywood actor Jackie Shroff

The International Consortium of Investigative Journalists (ICIJ), which involved the BBC and "The Guardian" newspaper in the UK and "The Indian Express" in India among 150 media outlets in its investigation, claims it obtained the trove of more than 11.9 million confidential files to find secret financial dealings of many super rich.

The "Pandora Papers" are a follow-up to a similar project released in 2016, called the "Panama Papers" compiled by the same journalistic group

Mahanadi Coalfields Limited (MCL), a Miniratna Company under the Ministry of Coal, recorded the highest ever coal despatch by rail-mode, with 102 rakes chugging from Ib Valley and Talcher Coalfields to various power stations in a single day.



Quadrilateral Security Dialogue

The Quadrilateral Security Dialogue (QSD, also known as the Quad or QUAD) is a strategic dialogue between the United States, India, Japan and Australia that is maintained by talks between member countries. The dialogue was initiated in 2007 by Japanese Prime Minister Shinzo Abe, with the support of U.S. Vice President Dick Cheney, Australian Prime Minister John Howard, and Indian Prime Minister Manmohan Singh. The dialogue was paralleled by joint military exercises of an unprecedented scale, titled Exercise Malabar. The diplomatic and military arrangement was widely viewed as a response to increased Chinese economic and military power, and the Chinese government responded to the Quadrilateral dialogue by issuing formal diplomatic protests to its members.

During the 2017 ASEAN Summits in Manila, all four former members led by Abe, Australian Prime Minister Malcolm Turnbull, Indian Prime Minister Narendra Modi, and US President Donald Trump agreed to revive the quadrilateral alliance in order to counter China militarily and diplomatically in the South China Sea.

In a joint statement in March 2021, "The Spirit of the Quad," the Quad members described "a shared vision for a Free and Open Indo-Pacific," and a "rules-based maritime order in the East and South China Seas," which the Quad member's state are needed to counter Chinese maritime claims.

Strategic framework of US-China competition

In the long term the United States has sought a policy of "soft containment" of China by organizing strategic partnerships with democracies at its periphery. While US alliances with Japan, Australia and India now form the bulwark of this policy, the development of closer US military ties to India has been a complex process since the collapse of the Soviet Union.

Trilateral Security Dialogue (TSD)

The Trilateral Strategic Dialogue (TSD) was a series of trilateral meetings between the United States, Japan,

and Australia. The TSD originally convened at senior official's level in 2002, then was upgraded to ministerial level in 2005. The United States expected regional allies to help facilitate evolving US global strategy to fight against terrorism and nuclear proliferation.

The South China Sea

The contested area in the South China Sea includes the Paracel Islands, the Spratly Islands and various other areas including Pratas Island and the Vereker Banks, the Macclesfield Bank and the Scarborough Shoal. Despite having made the vague claim public in 1947, neither the PRC nor the ROC has (as of 2018) filed a formal and specifically defined claim to the area. An early map showing a U-shaped eleven-dash line was published in the then-Republic of China on 1 December 1947. Two of the dashes in the Gulf of Tonkin were later removed at the behest of Chinese Premier Zhou Enlai, reducing the total to nine. Subsequent editions added a tenth dash to the east of Taiwan Island in 2013, extending it into the East China Sea.

Creation and cessation of the Quad (2007-2008)

In early 2007, Prime Minister Abe proposed the Quadrilateral Security Dialogue, or "Quadrilateral Initiative", under which India would join a formal multilateral dialogue with Japan, the United States and Australia.

The initiation of an American, Japanese, Australian and Indian defense arrangement, modeled on the concept of a Democratic Peace, was credited to Japanese Prime Minister Shinzo Abe. The Quadrilateral was supposed to establish an "Asian Arc of Democracy," envisioned to ultimately include countries in Central Asia, Mongolia, the Korean peninsula, and other countries in Southeast Asia: "virtually all the countries on China's periphery, except for China itself."

China's opposition

China sent diplomatic protests to all four members of the Quadrilateral before any formal convention of its

members. In May 2007 in Manila, Australian Prime Minister John Howard participated with other members in the inaugural meeting of the Quadrilateral at Cheney's urging, one month after joint naval exercises near Tokyo by India, Japan and the United States. In September 2007 further naval exercises were held in the Bay of Bengal, including Australia. These were followed in October by a further security agreement between Japan and India, ratified during a visit by Indian Prime Minister Manmohan Singh to Tokyo, to promote sea lane safety and defense collaboration; Japan had previously established such an agreement only with Australia.

The Japanese Prime Minister succeeding Abe, Taro Aso, downplayed the importance of China in the Japan-India pact signed following the creation of the Quadrilateral, stating, "There was mention of China – and we do not have any assumption of a third country as a target such as China. In January 2008, the Indian prime minister, Manmohan Singh, declared that "India is not part of any so-called contain China effort," after being asked about the Quadrilateral.

Australia's departure

Fears over Chinese military spending and missile capacities had helped drive Australia towards a defense agreement with the United States, as outlined by the 2007 Canberra Defense Blueprint. Prime Minister, Kevin Rudd visited China's foreign minister, Yang Jiechi, even before visiting Japan, and subsequently organised a meeting between Yang and the Australian foreign minister, Stephen Smith, in which Australia unilaterally announced it would "not be proposing" a second round of dialogue between the four partners. A December 2008 cable authored by US ambassador Robert McCallum and published by WikiLeaks reveals that Rudd did not consult the United States before leaving the Quadrilateral.

Cessation (2009-2017)

In the years between the cessation and restart of the Quad, Quad members continued to cooperate on a bilateral or trilateral level, sometimes with non-Quad members involved. This was especially the case in joint military exercises: Japan joined for the first time the Australian Kakadu and Nichi Trou Trident naval exercises in respectively 2008 and 2009, Japan and India held for the first time a joint naval exercise in 2012 and Australia and India did the same in 2015, Australia joined the US-Philippines Balikatan exercise for the first time in 2014 and Japan did the same in 2017, Japan joined for the first time the Indian Malabar exercise in 2015, and Japan joined for the first time the Australian-US joint Defence

Exercise Talisman Saber in 2015. On 5 September 2014, Australian Prime Minister Tony Abbott agreed to sell Uranium to India.

Restarting the Quad (2017-)

2017 ASEAN Summit

In November, American president-elect Donald Trump and Prime Minister Abe met and agreed to pursue what Japan calls a "Free and Open Indo-Pacific" strategy, originally a concept developed by US Secretary of State Hillary Clinton. The agreement was regarded as a response to China's Belt and Road Initiative, and Chinese minister Geng Shuang responded by stating that "such multilateral initiatives should promote cooperation among countries concerned and not be turned into exclusionary frameworks."

The Quadrilateral met five times in 2017–2019. During the Raisina Dialogue in New Delhi in 2018, the navy chiefs of Japan, US, Australia and India came together, one of the first indications of the revival of the Quad's security structure.

In 2019, four ministers met in New York City to discuss reforming the Quad, and then again in Bangkok. The next summer, India, Japan and US invited Australia to the co-ordinated navy exercise at Malabar; the exercises were delayed due to the Coronavirus Pandemic.

Quad Plus meeting on COVID-19

In March 2020, the Quad members held a meeting with representatives from New Zealand, South Korea and Vietnam to discuss their respective approaches to the COVID-19 pandemic. Instigated by the US, this new grouping of key Indo-Pacific states was called "Quad Plus".

Following the 2020 Malabar naval exercises, American secretary of state and former CIA director Mike Pompeo met with members of the quad to discuss converting the security arrangement into an "Asian NATO" with "shared security and geopolitical goals."

The foreign secretary of Sri Lanka raised concerns in October 2020 about the militarization of the Quad in the Indian Ocean. At the same time, Japan, the US and Canada held a joint naval exercise called Keen Sword in October, one of several Canadian naval exercises in the Taiwan straits that year.

In 2021, Li Jimming, the Chinese ambassador to Bangladesh, warned Bangladesh not to join the Quad saying any attempt to do so would seriously damage relations with China.

Expanding scope

On 3 March 2021, The White House, now under president Biden, issued the "Interim National Security Strategic Guidance", and two days later, Australian Prime Minister Morrison told that the leaders of the Quad will hold their first-ever meeting virtually.

On 15 March, US Secretary of State Antony Blinken and Defense Secretary Lloyd Austin arrived at the Yokota Air Base in Tokyo. On 19 March, US Defense Secretary Austin arrived at India, and met with Prime Minister Shri Narendra Modi and Indian National Security Adviser Ajit Doval. On 13 April, the foreign and defense ministers of Japan and Germany held the first "two-plus-two" dialogue between the two nations.

President Joe Biden of the United States hosted the first Quad Leaders Summit on September 24, 2021 at the White House with Prime Minister Narendra Modi of India, Prime Minister Scott Morrison of Australia and Prime Minister Yoshihide Suga of Japan participating in the summit. The Quad leaders pledged to work towards peace and prosperity in the Indo-Pacific region.

AUKUS

AUKUS is a trilateral security pact between Australia, the United Kingdom and the United States, announced on 15 September 2021 for the Indo-Pacific region. Under the pact, the US and the UK will help Australia to acquire nuclear-powered submarines. Although the joint announcement by Australian Prime Minister Scott

Morrison, British Prime Minister Boris Johnson and US president Joe Biden did not mention any other country by name, anonymous White House sources have alleged it is designed to counter the influence of China in the Indo-Pacific region. However, Johnson later told parliament that the move was not intended to be adversarial toward China.

The pact also includes cooperation on cyber capabilities, artificial intelligence, quantum technologies and undersea capabilities. Under the pact, Australia will acquire new long-range strike capabilities for its air force and navy. The pact will focus on military capability, separating it from the Five Eyes intelligence-sharing alliance that also includes New Zealand and Canada.

Analysis

According to the American think tank Center for a New American Security, CNAS, the United States pursued a Quadrilateral Security Dialogue in an effort to adapt to an increasingly economically powerful China in the Asia-Pacific, where great power rivalry, massive military investment, social inequality, and contemporary territorial disputes have all made war in Asia "plausible." According to the CNAS, establishing a series of alliances among nations recognized as democratic by the United States furthers its own interests: "It is precisely because of the rise of Chinese power and the longer term trend towards multipolarity in the international system that values can and should serve as a tool of American statecraft today."



Human-induced climate change includes both global warming driven by emissions of greenhouse gases and the resulting large-scale shifts in weather patterns. Though there have been previous periods of climatic change, since the mid-20th century humans have had an unprecedented impact on Earth's climate system and caused change on a global scale.

The largest driver of warming is the emission of greenhouse gases, mainly carbon dioxide (CO₂) and methane. Fossil fuel burning (coal, oil, and natural gas) for energy consumption is the main source of these emissions, with additional contributions from agriculture, deforestation, and the chemical reactions in certain manufacturing processes. The human cause of climate change is not disputed by any scientific body of national or international standing. Temperature rise can be amplified by climate feedbacks, such as the loss of sunlight-reflecting snow cover, or limits to land and ocean carbon sinks.

On land, where temperatures have risen about twice as fast as the global average, deserts are expanding and heat waves and wildfires are becoming more common. Temperature rise is also amplified in the Arctic, where it has contributed to melting permafrost, glacial retreat and sea ice loss. Warmer temperatures are increasing rates of evaporation, causing more intense storms and weather extremes. Impacts on ecosystems include the relocation or extinction of many species as their environment changes, most immediately in coral reefs, mountains, and the Arctic. Climate change threatens people with food insecurity, water scarcity, flooding, infectious diseases, extreme heat, economic losses, and displacement. These human impacts have led the World Health Organization to call climate change the greatest threat to global health in the 21st century. Even if efforts to minimise future warming are successful, some effects will continue for centuries, including rising sea levels, rising ocean temperatures, and ocean acidification.

Many of these impacts are already felt at the current level of warming, which is about 1.2 °C (2.2 °F).^[a] The Intergovernmental Panel on Climate Change (IPCC) has projected significant increases in these impacts as warming continues to 1.5 °C (2.7 °F) and beyond. Additional warming increases the risk of triggering critical thresholds called tipping points. Responding to these impacts involves both

mitigation and adaptation. Mitigation – limiting climate change – consists of reducing greenhouse gas emissions and removing them from the atmosphere. Methods to achieve this include the development and deployment of low-carbon energy sources such as wind and solar, a phase-out of coal, enhanced energy efficiency, and forest preservation. Adaptation consists of adjusting to actual or expected climate, such as through improved coastline protection, better disaster management, and the development of more resistant crops. Adaptation alone cannot avert the risk of "severe, widespread and irreversible" impacts.

Under the 2015 Paris Agreement, nations collectively agreed to keep warming "well under 2.0 °C" (3.6 °F) through mitigation efforts. However, with pledges made under the Agreement, global warming would still reach about 2.8 °C by the end of the century. Limiting warming to 1.5 °C would require halving emissions by 2030 and achieving near-zero emissions by 2050.

Temperature rise

Multiple independently produced instrumental datasets show that the climate system is warming, with the 2011–2020 decade being 1.09 °C [0.95–1.20 °C warmer than the pre-industrial baseline (1850–1900). Surface temperatures are rising by about 0.2 °C per decade, with 2020 reaching a temperature of 1.2 °C above pre-industrial. Since 1950, the number of cold days and nights has decreased, and the number of warm days and nights has increased.

There was little net warming between the 18th century and the mid-19th century. Climate proxies, sources of climate information from natural archives such as trees and ice cores, show that natural variations offset the early effects of the Industrial Revolution. Thermometer records began to provide global coverage around 1850. Historical patterns of warming and cooling, like the Medieval Climate Anomaly and the Little Ice Age, did not occur at the same time across different regions, but temperatures may have reached as high as those of the late-20th century in a limited set of regions. There have been prehistorical episodes of global warming, such as the Paleocene–Eocene Thermal Maximum. However, the modern observed rise in

temperature and CO₂ concentrations has been so rapid that even abrupt geophysical events that took place in Earth's history do not approach current rates.

Greenhouse gases

The Earth absorbs sunlight, then radiates it as heat. Greenhouse gases in the atmosphere absorb and reemit infrared radiation, slowing the rate at which it can pass through the atmosphere and escape into space. Before the Industrial Revolution, naturally-occurring amounts of greenhouse gases caused the air near the surface to be about 33 °C warmer than it would have been in their absence. While water vapour (~50%) and clouds (~25%) are the biggest contributors to the greenhouse effect, they increase as a function of temperature and are therefore considered feedbacks. On the other hand, concentrations of gases such as CO₂ (~20%), tropospheric ozone, CFCs and nitrous oxide are not temperature-dependent, and are therefore considered external forcing.

Human activity since the Industrial Revolution, mainly extracting and burning fossil fuels (coal, oil, and natural gas), has increased the amount of greenhouse gases in the atmosphere, resulting in a radiative imbalance. In 2019, the concentrations of CO₂ and methane had increased by about 48% and 160%, respectively, since 1750. These CO₂ levels are higher than they have been at any time during the last 2 million years. Concentrations of methane are far higher than they were over the last 800,000 years.

Aerosols and clouds

Air pollution, in the form of aerosols, not only puts a large burden on human health, but also affects the climate on a large scale. From 1961 to 1990, a gradual reduction in the amount of sunlight reaching the Earth's surface was observed, a phenomenon popularly known as global dimming, typically attributed to aerosols from biofuel and fossil fuel burning. Aerosol removal by precipitation gives tropospheric aerosols an atmospheric lifetime of only about a week, while stratospheric aerosols can remain in the atmosphere for a few years. Globally, aerosols have been declining since 1990, meaning that they no longer mask greenhouse gas warming as much.

Solar and volcanic activity

Physical climate models are unable to reproduce the rapid warming observed in recent decades when taking into account only variations in solar output and volcanic activity. As the Sun is the Earth's primary energy source, changes in incoming sunlight directly affect the climate system. Solar irradiance has been measured directly by satellites, and indirect measurements are available from the early 1600s. There has been no upward trend in the amount of the Sun's energy reaching the Earth. Further evidence for greenhouse gases being the cause of recent climate

change come from measurements showing the warming of the lower atmosphere (the troposphere), coupled with the cooling of the upper atmosphere (the stratosphere). If solar variations were responsible for the observed warming, warming of both the troposphere and the stratosphere would be expected, but that has not been the case.

International climate agreements

Nearly all countries in the world are parties to the 1994 United Nations Framework Convention on Climate Change (UNFCCC).⁷ The objective of the UNFCCC is to prevent dangerous human interference with the climate system.

The 1997 Kyoto Protocol extended the UNFCCC and included legally binding commitments for most developed countries to limit their emissions. During Kyoto Protocol negotiations, the G77 (representing developing countries) pushed for a mandate requiring developed countries to "[take the lead]" in reducing their emissions, since developed countries contributed most to the accumulation of greenhouse gases in the atmosphere, and since per-capita emissions were still relatively low in developing countries and emissions of developing countries would grow to meet their development needs. The 2009 Copenhagen Accord has been widely portrayed as disappointing because of its low goals, and was rejected by poorer nations including the G77. Associated parties aimed to limit the increase in global mean temperature to below 2.0 °C. The Accord set the goal of sending \$100 billion per year to developing countries in assistance for mitigation and adaptation by 2020, and proposed the founding of the Green Climate Fund. As of 2020, the fund has failed to reach its expected target, and risks a shrinkage in its funding.

In 2015 all UN countries negotiated the Paris Agreement, which aims to keep global warming well below 2.0 °C and contains an aspirational goal of keeping warming under 1.5 °C. The agreement replaced the Kyoto Protocol. Unlike Kyoto, no binding emission targets were set in the Paris Agreement. Instead, the procedure of regularly setting ever more ambitious goals and reevaluating these goals every five years has been made binding. The Paris Agreement reiterated that developing countries must be financially supported.⁹ As of October 2021, 194 states and the European Union have signed the treaty and 190 states and the EU have ratified or acceded to the agreement. The 1987 Montreal Protocol, an international agreement to stop emitting ozone-depleting gases, may have been more effective at curbing greenhouse gas emissions than the Kyoto Protocol specifically designed to do so. The 2016 Kigali Amendment to the Montreal Protocol aims to reduce the emissions of hydro fluorocarbons, a group of powerful greenhouse gases which served as a replacement for banned ozone-depleting gases. This strengthened the makes the Montreal Protocol a stronger agreement against climate change.

CURRENT AFFAIRS QUIZ

- Q.1.** Which animal has become the state animal of Ladakh?
 (1) Snow leopard (2) Asiatic ibex
 (3) Blue sheep (4) Eurasian lynx
 (5) Himalayan marmot
- Q.2.** Who among the following has won "Times Excellence Award" 2021?
 (1) Soma Mondal (2) Rajiv Bajaj
 (3) Vijay Arora (4) Sanjiv Chadha
 (5) Suparna Mitra
- Q.3.** How many people have been included "Ramon Magsaysay Award" 2021?
 (1) 1 (2) 2 (3) 3
 (4) 4 (5) 5
- Q.4.** Who has been inaugurated NUTRI GARDEN at All India Institute of Ayurveda?
 (1) Narendra Modi (2) Smriti Zubin Irani
 (3) Rajnath Singh (4) Amit Shah
 (5) Dharmendra Pradhan
- Q.5.** Which of the following IIT's startup company introduces World's first 'Plant based' smart air-purifier "Ubreathe Life"?
 (1) Indian Institutes of Technology, Bombay
 (2) Indian Institutes of Technology, Madras
 (3) Indian Institutes of Technology, Ropar
 (4) Indian Institutes of Technology, Guwahati
 (5) Indian Institutes of Technology, Khadagpur
- Q.6.** How much amount has been transferred to bank accounts of pregnant and lactating women under PMMVY?
 (1) 1, 800 crore rupees (2) 5, 800 crore rupees
 (3) 6, 800 crore rupees (4) 8, 800 crore rupees
 (5) 10, 000 crore rupees
- Q.7.** PM Modi has been released how much amount of Commemorative coin on Iskcon founder Swami Prabhupada?
 (1) Rs 100 (2) Rs 125 (3) Rs 150
 (4) Rs 200 (5) Rs 225
- Q.8.** PMC Bank depositors to get up to Rs 5 lakh back from which date?
 (1) 30-Dec-21 (2) 25-Nov-21 (3) 30-Oct-21
 (4) 30-Nov-21 (5) 20-Nov-21
- Q.9.** Which country hosted 8th meeting of agriculture experts of BIMSTEC countries?
 (1) India (2) Nepal
 (3) Bangladesh (4) Sri Lanka
 (5) Myanmar
- Q.10.** Petroleum Minister Hardeep Singh Puri has participated in the _____ "Eastern Economic Forum" Summit in Russia?
 (1) 4th (2) 3rd (3) 1st
 (4) 6th (5) 5th
- Q.11.** Recently Union Home Minister Amit Shah has inaugurated a slew of projects in which State?
 (1) Assam (2) Punjab
 (3) Uttar Pradesh (4) Karnataka
 (5) Kerala
- Q.12.** Which organisation has been launched national campaign to promote cultivation of medicinal plants in country?
 (1) The National Medicinal Plants Board
 (2) Indian Council of Medical Research
 (3) Indian Medical Association
 (4) Medical Council of India
 (5) Association of Surgeons of India
- Q.13.** Recently Chandan Mitra has been passed away, he was associated with which profession?
 (1) Economist (2) Lawyer (3) Journalist
 (4) Doctor (5) Historian
- Q.14.** Recently External Affairs Minister Dr. S. Jaishankar has on a 4-day visit to which country?
 (1) Slovenia (2) Croatia (3) Denmark
 (4) 1 and 2 only (5) 1, 2 and 3 only
- Q.15.** "World Coconut Day" has been celebrated which date?
 (1) 01-Sep (2) 02-Sep (3) 03-Sep
 (4) 04-Sep (5) 05-Sep
- Q.16.** Which organisation has won the Prestigious global Association for Talent Development (ATD) 2021 Best Award?
 (1) Power Grid Corporation of India Limited
 (2) National Thermal Power Corporation
 (3) National Hydroelectric Power Corporation
 (4) Energy Efficiency Services Limited
 (5) Adani Transmission Ltd.
- Q.17.** Petroleum Minister Hardeep Singh Puri has participated in 6th "Eastern Economic Forum" Summit in which country?
 (1) Norway (2) Germany (3) France
 (4) Russia (5) Myanmar
- Q.18.** Shipping Ministry announced a new 'Skill Institute on Marine Studies' in which state?
 (1) Goa (2) Punjab (3) Odisha
 (4) Kerala (5) Assam

QUIZ TIME | CURRENT AFFAIRS

- Q.19.** Which nation has restarted the operation of its main nuclear reactor?
(1) Afghanistan (2) South Korea (3) Ukraine
(4) North Korea (5) Iran
- Q.20.** IDBI has announced to divest what percent of its stake in Asset Reconstruction Company (India) Limited (ARCIL)?
(1) 20.00% (2) 18.17% (3) 8.12%
(4) 19.18% (5) 11.13%
- Q.21.** Who among the following addressed plenary session of Eastern Economic Forum in Russia virtually?
(1) Rajnath Singh (2) Amit Shah
(3) Narendra Modi (4) Dharmendra Pradhan
(5) Rajiv Kumar
- Q.22.** Who among the following has chaired 24th meeting of Financial Stability and Development Council?
(1) Nirmala Sitharaman
(2) Shakti Kant Das
(3) Narendra Modi
(4) Urjit Patel
(5) Rajiv Kumar
- Q.23.** Which ministry has launched the campaign "AYUSH AAPKE DWAR" from more than 45 locations across the country?
(1) Ministry of Agriculture & Farmers Welfare
(2) Ministry of Tribal Affairs
(3) Ministry of Women and Child Development
(4) Ayush Ministry
(5) Ministry of Jal Shakti
- Q.24.** Who among the following has won the Silver Medal in High Jump at the Paralympics Games in Tokyo?
(1) Avani Lekhara (2) Sumit Antil
(3) Bhavina Patel (4) Yogesh Kathuniya
(5) Praveen Kumar
- Q.25.** Who has been appointed as the new Chief Executive Officer IT major Newgen Software Company?
(1) Virendra Jeet (2) Pravin Rao
(3) Rajiv Bansal (4) Umang Vohra
(5) Anant Vardhan Goenka
- Q.26.** Who has been appointed as the new chairman of the Central Board of Direct Taxes (CBDT)?
(1) Soma Mondal (2) JB Mahapatra
(3) Rahul Sachdeva (4) Ajya Kumar
(5) Mohan Agarwal
- Q.27.** The President of which of the following country has declared a food emergency due to the foreign exchange crisis?
(1) Bangladesh (2) Nepal (3) Sri Lanka
(4) China (5) Iran
- Q.28.** Which bank has been fined 25 lakhs by the Reserve Bank of India (RBI) for laxity in complying with KYC norms?
(1) Indian Bank (2) Axis Bank (3) PNB Bank
(4) SBI Bank (5) Yes Bank
- Q.29.** La Ganesan was sworn in as 17th Governor of which of the following Indian state?
(1) Goa (2) Assam (3) Manipur
(4) Telangana (5) Odisha
- Q.30.** Stuart Binny, who has announced his retirement from cricket, played for which country?
(1) England (2) India
(3) New Zealand (4) Australia
(5) West Indies
- Q.31.** Which edition of Singapore-India Maritime bilateral exercise "SIMBEX" concluded?
(1) 30th (2) 29th (3) 28th
(4) 27th (5) 26th
- Q.32.** Manoj Sarkar for winn Bronze medal in which of the following sport at Paralympics Games 2020?
(1) Chess (2) Boxing (3) Badminton
(4) Wrestling (5) Shooting
- Q.33.** Pramod Bhagat for winn Gold medal in which of the following sport at Paralympics Games 2020?
(1) Chess (2) Boxing (3) Badminton
(4) Wrestling (5) Shooting
- Q.34.** Singhraj Adhana for win Silver Medal at Paralympics Games 2020, he is associated with which sport?
(1) Chess (2) Boxing (3) Badminton
(4) Wrestling (5) Shooting
- Q.35.** Shooter Manish Narwal for win which type of Medal at Paralympics Games 2020?
(1) Silver (2) Bronze
(3) Gold (4) All of the above
(5) None of the above
- Q.36.** Which organisation has Launched New Software for Enhanced Assessment of Coal Resources?
(1) Coal India Ltd
(2) National Thermal Power Corporation
(3) National Hydroelectric Power Corporation
(4) Power Grid Corporation of India Limited
(5) Adani Power Limited
- Q.37.** Which of the following State has become the first one in the country to give free water to people?
(1) Punjab (2) Kerala
(3) Uttar Pradesh (4) Telangana
(5) Goa
- Q.38.** What is the total strength of judges appointed at the Supreme Court of India?

- (1) 36 (2) 35 (3) 33
(4) 30 (5) 31
- Q.39.** Who among the following has become the fastest batsman to score 23,000 runs in international cricket?
(1) Rohit Sharma (2) Shikhar Dhawan
(3) Rishabh Pant (4) Virat Kohli
(5) K L Rahul
- Q.40.** Recently which state's Kendrapara district has achieved the distinction of being the only district in India where all three species of crocodile - gharial, saltwater crocodile and crocodile are found?
(1) Odisha (2) Punjab (3) Assam
(4) Kerala (5) Tamil Nadu
- Q.41.** Who among the following has nominated for the ICC "Player of the Month" award for August following his brilliant performances with both the bat and ball in the ongoing Test series against England?
(1) Jasprit Bumrah (2) Ravindra Jadeja
(3) Mohammed Shami (4) Ravichandran Ashwin
(5) Shardul Thakur
- Q.42.** ADB clears USD 150 mn loan for urban poor housing project in which State?
(1) Kerala (2) Assam (3) Odisha
(4) Tamil Nadu (5) Punjab
- Q.43.** Who among the following was conferred the "Sarabhai Teacher Scientist National Honorary Award 2021"?
(1) RD Sharma (2) Anand Kumar (3) H.C Verma
(4) K.C. Sinha (5) Abhayanand
- Q.44.** The Tamil Nadu government has decided to celebrate every year the birth anniversary of reformist leader E V Ramasamy Periyar on September 17 as which day?
(1) Social Peace Day
(2) Social Prosperity Day
(3) Social Justice Day
(4) Social Engineering Day
(5) Social Empowerment Day
- Q.45.** Which of the following State has launched the "Air gun Surrender Abhiyan"?
(1) Arunachal Pradesh (2) Assam
(3) Jharkhand (4) Punjab
(5) Odisha
- Q.46.** India's biggest Tech Fest "Tech Invent-2021" kicks off at which University?
(1) University of Hyderabad
(2) Jamia Millia Islamia
(3) University of Delhi
(4) Chandigarh University
(5) Jawaharlal Nehru University
- Q.47.** Who among the following has received 7th "Yamin Hazarika Woman of Substance Award"?
(1) Namita Gokhale (2) Arundhati Roy
(3) Anita Desai (4) Jhumpa Lahiri
(5) Kiran Desai
- Q.48.** Recently military coup was happened in which country?
(1) Namibia (2) Nepal (3) Guinea
(4) Egypt (5) Gabon
- Q.49.** President Ramnath Kovind has presented President's Colour to Indian Naval Aviation to which Indian Naval Ship?
(1) INS Kolkata (2) INS Airavat (3) INS Hansa
(4) INS Magar (5) INS Satpura
- Q.50.** "G-20 Health Ministers Meeting" 2021 hosted by which of the following country?
(1) Russia (2) Italy (3) China
(4) France (5) Japan
- Q.51.** Education Minister Dharmendra Pradhan has conferred how many AICTE- "Visvesvaraya Best Teacher Award"?
(1) 17 (2) 19 (3) 25
(4) 10 (5) 15
- Q.52.** Who among the following has addressed inaugural conclave of "Shikshak Parv"?
(1) Narendra Modi
(2) Amit Shah
(3) Dharmendra Pradhan
(4) Ramnath Kovind
(5) Nripendra Misra
- Q.53.** Who among the following has dedicated first functional Smog Tower of India, situated at Anand Vihar in New Delhi?
(1) Narendra Modi (2) Amit Shah
(3) Ajay Kumar (4) Ramnath Kovind
(5) Bhupender Yadav
- Q.54.** Which of the following Government has appointed Olympic hockey player Vivek Sagar as DSP?
(1) Goa (2) Kerala
(3) Madhaya Pradesh (4) Punjab
(5) Assam
- Q.55.** Which of the following organisation has announced the appointment of Mr. Giuliano Perfetti as Chief Executive Officer?
(1) Infosys
(2) Jubilant Biosys Limited
(3) Echo Global Logistics

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- (4) Apex Logistics International
(5) L&T Infrastructure Development Projects Ltd
- Q.56.** Which of the following State has launched "Go To Hills 2.0" outreach campaign to provide welfare scheme benefits at doorstep?
(1) Assam (2) Odisha (3) Manipur
(4) Kerala (5) Delhi
- Q.57.** Which of the following State Government has launched "Business Blasters" program in schools?
(1) Assam (2) Maharashtra (3) Gujarat
(4) Tamil Nadu (5) Delhi
- Q.58.** How much the JSW Steel's crude Steel production in August 2021?
(1) 10.50 lakh tonnes (2) 11.37 lakh tonnes
(3) 12.70 lakh tonnes (4) 13.77 lakh tonnes
(5) 15.00 lakh tonnes
- Q.59.** Adani Transmission's Board of Directors approved appointment of whom as a new Chief Financial Officer?
(1) Gautam Adani (2) Rohit Soni
(3) Salil Parekh (4) Rajesh Gopinathan
(5) Julie Sweet
- Q.60.** Which country has topped the "Hurun India Future Unicorn" List 2021?
(1) Japan (2) Russia
(3) Singapore (4) United States of America
(5) China
- Q.61.** Which nation's first-ever batch of female soldiers has graduated?
(1) Nepal (2) Qatar (3) Bhutan
(4) Afghanistan (5) Saudi Arabia
- Q.62.** Who among the following has chaired 13th "BRICS Summit" 2021?
(1) Cyril Ramaphosa (2) Jair Bolsonaro
(3) Narendra Modi (4) Vladimir Putin
(5) Xi Jinping
- Q.63.** Under the leadership of whom the Government has constituted a "Expert Committee" to Prepare Road Map for Coal based Hydrogen Production?
(1) Ajay Kumar Bhalla (2) T. V. Somanathan
(3) Rajiv Kumar (4) R.K. Malhotra
(5) Ajay Kumar
- Q.64.** Who has been launched programme "Bujurgon ki Baat-Desh Ke Saath"?
(1) Narendra Modi (2) T. V. Somanathan
(3) G Kishan Reddy (4) R.K. Malhotra
(5) Ajay Kumar
- Q.65.** Who among the following has been appointed as India's Sherpa for "G20"?
(1) Narendra Modi (2) Piyush Goyal
(3) G Kishan Reddy (4) Smriti Zubin Irani
(5) Nirmala Sitharaman
- Q.66.** How many Districts across the country has covered under "Swachh Survekshan Grameen", 2021?
(1) 100 Districts (2) 198 Districts
(3) 698 Districts (4) 898 Districts
(5) 790 Districts
- Q.67.** Recently the Baby Rani Maurya has resigned from the post of governor which State?
(1) Uttarakhand (2) Punjab (3) Haryana
(4) Odisha (5) Assam
- Q.68.** Recently Sadanand Singh has been passed away, he was associated with which political party?
(1) Bharatiya Janta Party
(2) Indian National Congress
(3) Aam Aadami Party
(4) Samajwadi Party
(5) Bahujan Samajwadi Party
- Q.69.** Who among the following has reappointed as Enforcement Directorate director?
(1) Sanjay Kumar Mishra
(2) Arvind Kumar
(3) Samant Goel
(4) Suresh N. Patel
(5) Ajay Kumar
- Q.70.** What is the target year set by the Government to reach USD 5 billion defence exports?
(1) 2027 (2) 2024 (3) 2023
(4) 2025 (5) 2022
- Q.71.** Which IIT has topped the Rankings in the overall category in National Institutional Ranking Framework?
(1) IIT BHU (2) IIT Kanpur
(3) IIT Roorkee (4) IIT Madras
(5) IIT Bombay
- Q.72.** Which among the following has inaugurated Emergency Landing Field on National Highway in Barmer in Rajasthan?
(1) Dharmendra Pradhan
(2) Narendra Modi
(3) Amit Shah
(4) Ajay Kumar
(5) Rajnath Singh
- Q.73.** How much amount has ADB signed loan to expand rural connectivity in Maharashtra?
(1) 800 mn dollar (2) 600 mn dollar
(3) 300 mn dollar (4) 400 mn dollar
(5) 200 mn dollar

- Q.74.** Who among the following has inaugurated two-day Capacity Building Workshop for Ladakh officials in Leh?
 (1) Dr Jitendra Singh
 (2) Dr Rajiv Kumar
 (3) Pashupati Kumar Paras
 (4) Dr. Virendra Kumar
 (5) Dr. Mahendra Nath Pandey
- Q.75.** Who among the following has addressed annual meeting of Romanian Diplomacy?
 (1) Narendra Modi (2) Dr Rajiv Kumar
 (3) Dr. S Jaishankar (4) Harsh Vardhan Shringla
 (5) Meenakshi Lekhi
- Q.76.** Who among the following has become as a brand ambassador of Piramal Realty, the real estate arm of the Piramal Group?
 (1) Rahul Dravid
 (2) Sachin Tendulkar
 (3) Mahendra Singh Dhoni
 (4) Virat Kohli
 (5) Rohit Sharma
- Q.77.** How many Indian entries has been selected for United Nations World Tourism Organization (UNWTO)'s "Best Tourism Village"?
 (1) 1 (2) 2 (3) 3
 (4) 4 (5) 5
- Q.78.** "Syed Modi International badminton tournament" has been cancelled by The Badminton World Federation which was scheduled to be held in which place from October 12 to 17?
 (1) Lucknow (2) Chennai (3) Mumbai
 (4) Hyderabad (5) New Delhi
- Q.79.** Who among the following Indian has shortlisted for "Global Teacher Prize" 2021?
 (1) Meghana Musunuri (2) Satyam Mishra
 (3) Anand Kumar (4) Mamta Paliwal
 (5) 1 and 2 only
- Q.80.** Which of the following hospital has honoured with "CFBP Jamnalal Bajaj Award" for "Fair Business Practices"?
 (1) Medanta the Medicity
 (2) All India Institute of Medical Sciences, New Delhi
 (3) Apollo Health City
 (4) Dr L H Hiranandani Hospital
 (5) Kokilaben Dhirubhai Ambani Hospital & Medical Research Institute
- Q.81.** Which of the following has developed a new Application programming interface called "Know Your Customer's or Client's Vaccination Status"?
 (1) Co-WIN (2) Covishield (3) Sputnik V
 (4) 1 and 2 only (5) None of the above
- Q.82.** Recently the Government has extended deadline for filing income tax returns to which of the following date?
 (1) 31-Dec-21 (2) 31 November 2021
 (3) 31-Oct-21 (4) 01-Jan-22
 (5) 15-Dec-21
- Q.83.** Who among the following has performed Lokarpan of Sardardham Bhavan & Bhoomi Pujan of Sardardham Phase – II Kanya Chhatralaya?
 (1) Yogi Adityanath
 (2) Narendra Modi
 (3) Dharamendra Pradhan
 (4) Amit Khare
 (5) Dr. Subhas Sarkar
- Q.84.** "World Suicide Prevention Day" has been celebrated which of date?
 (1) 08-Sep (2) 11-Sep (3) 10-Sep
 (4) 06-Sep (5) 04-Sep
- Q.85.** Which of the following has won best music director award at "Imagine India Film Festival" 2021 in Spain?
 (1) Pt Shiv Kumar Sharma
 (2) Allauddin Khan
 (3) Pt Ravi Shankar
 (4) Debojyoti Mishra
 (5) A. R. Rahman
- Q.86.** Who among the following has been appointed as the Regional Director of South Asia at the International Court of Arbitration of "the International Chamber of Commerce" (ICC) in Paris?
 (1) Tejas Chauhan (2) Harish Salve
 (3) Kapil Sibal (4) K K Venugopal
 (5) Pinky Anand
- Q.87.** Which of the following State government plans to undertake public welfare projects worth ₹1,000 crores under "Vatan Prem Yojana"?
 (1) Punjab (2) West Bengal
 (3) Maharashtra (4) Gujarat
 (5) Madhya Pradesh
- Q.88.** How many medals have been won by India at the Tokyo Paralympics 2020?
 (1) 18 (2) 20 (3) 19
 (4) 17 (5) 15
- Q.89.** Which of the following State government has banned online gambling?
 (1) Goa (2) Assam (3) Karnataka
 (4) Delhi (5) Uttar Pradesh
- Q.90.** Heavy Industries Minister Mahendra Nath Pandey Inaugurated State-of-the-art Data Center at BHEL Plant in which of the following place?

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- (1) Mumbai (2) New Delhi (3) Bengaluru
(4) Lucknow (5) Kolkata
- Q.91.** How many District Mineral Foundation (DMF) Government has exempted from income tax payment?
(1) 165 (2) 170 (3) 200
(4) 250 (5) 380
- Q.92.** Who among the following has launched the "Medicine from the Sky" project at Vikarabad in Telangana?
(1) Ramnath Kovind (2) Narendra Modi
(3) Jyotiraditya Scindia (4) Raj Kumar Singh
(5) Krishan Pal
- Q.93.** Recently Central Government has launched 7 food processing projects in which of the following State?
(1) Uttar Pradesh (2) Andhra Pradesh
(3) Tamil Nadu (4) Goa
(5) 1, 2 and 3 only
- Q.94.** In which of the following city hold "India-Australia 2+2 Ministerial Dialogue"?
(1) New Delhi (2) Mumbai (3) Canberra
(4) Sydney (5) Melbourne
- Q.95.** Recently Vijay Rupani has resigned from the post of chief Minister of which State?
(1) Kerala (2) Goa (3) Odisha
(4) Gujarat (5) Assam
- Q.96.** Recently who among the following has appointed as vice chancellor of "Shreemati Nathibai Damodar Thackersey Women's University"?
(1) M. Jagadesh Kumar
(2) Dr Ujwala Shirish Chakradeo
(3) Suhas Pednekar
(4) P C Josh
(5) Ajay Kumar
- Q.97.** West Bengal Chief Minister Mamata Banerjee will contest by-elections from which constituency?
(1) Durgapur (2) Bhabanipur (3) Calcutta
(4) Nandigram (5) Samserganj
- Q.98.** Who has been named as the new MD of Export-Import Bank of India (EXIM Bank)?
(1) Sona Mondal
(2) Dinesh Khara
(3) Amitabh Chaudhary
(4) Harsha Bhupendra Bangari
(5) K Sivan
- Q.99.** "National Forest Martyrs Day" has been celebrated which date?
(1) 12-Sep (2) 11-Sep (3) 10-Sep
(4) 09-Sep (5) 08-Sep
- Q.100.** Who among the following has took charge as Vice Chairman of "Gandhi Smriti and Darshan Samiti" at a function in Gandhi Smriti, New Delhi?
(1) Vijay Goel
(2) Ajay Kumar
(3) Dharamendra Pradhan
(4) Rajiv Kumar
(5) R Madhavan
- Q.101.** Two-day conference of Tourism & Culture Ministers of North Eastern states begins in which of the following city?
(1) Shillong (2) Aizawl (3) Imphal
(4) Guwahati (5) Dispur
- Q.102.** Prime Minister has lay foundation stone of Raja Mahendra Pratap Singh State University in which of the following city?
(1) Hyderabad (2) Lucknow (3) Bhopal
(4) Varanasi (5) Aligarh
- Q.103.** Who among the following has appointed as a Chief Minister of Gujarat?
(1) Bhupendra Patel (2) J P Nadda
(3) Acharya Dev Vrat (4) Vijay Rupani
(5) Basavaraj Bommai
- Q.104.** Who among the following has appointed as a Governor of Tamil Nadu?
(1) Bhupendra Patel (2) R N Ravi
(3) M. K. Stalin (4) Banwarilal Purohit
(5) Basavaraj Bommai
- Q.105.** Who among the following has appointed as a Governor of Uttarakhand?
(1) Bhupendra Patel (2) R N Ravi
(3) Gurmit Singh (4) Banwarilal Purohit
(5) Basavaraj Bommai
- Q.106.** Who among the following has received "Swami Brahmanand Award" 2021?
(1) Anand Kumar (2) RD Sharma
(3) H.C Verma (4) K.C. Sinha
(5) Harsh Patodia
- Q.107.** Who among the following unanimously elected as the chairman of the Pakistan Cricket Board (PCB) for a three-year term?
(1) Mohammad Amir (2) Ramiz Raja
(3) Shoaib Malik (4) Wahab Riaz
(5) Shoaib Akhtar
- Q.108.** Which of the following bank has introduced real-time digital cross-border incoming payment tracking for all corporate and SME clients?
(1) City Bank (2) HSBC Bank
(3) DBS Bank (4) State Bank of India
(5) ICICI Bank

- Q.109.** Recently which of the following country has tested new long-range cruise missiles?
 (1) Pakistan (2) Afghanistan (3) Iran
 (4) North Korea (5) Israel
- Q.110.** Recently Oscar Fernandes has been passed away, he was associated with which political party?
 (1) Janta Dal (Secular)
 (2) Janta Dal (United)
 (3) Indian National Congress
 (4) Samajwadi Party
 (5) Rashtriya Janata Dal
- Q.111.** India with which country has announced linking of UPI and PayNow fast payment systems?
 (1) Japan (2) Thailand (3) Singapore
 (4) Russia (5) Germany
- Q.112.** Which of the following Date "Hindi Diwas" being celebrated across country?
 (1) 11-September (2) 16- September
 (3) 15- September (4) 14-S September
 (5) 13- September
- Q.113.** Who among the following has family receive Golden Visa for UAE?
 (1) Amir Khan (2) Shahrukh Khan
 (3) Boney Kapoor (4) Amitabh Bachchan
 (5) Priyanka Chopra
- Q.114.** Which of the following country has faced one of its worst cholera outbreaks in years?
 (1) Nigeria (2) Bhutan (3) Pakistan
 (4) Morocco (5) Kenya
- Q.115.** Which of the following country fine Google \$177M for forcing software on devices?
 (1) \$377 million (2) \$477 million
 (3) \$577 million (4) \$177 million
 (5) \$377 million
- Q.116.** How much per cent the wholesale price-based inflation rose marginally in August 2021?
 (1) 8.39 per cent (2) 10.39 per cent
 (3) 11.39 per cent (4) 12.39 per cent
 (5) 13.39 per cent
- Q.117.** Who among the following has Launched NCAP Portal, "PRANA" (Portal for Regulation of Air-Pollution in Non-Attainment Cities)?
 (1) Bhupendar Yadav
 (2) Bhupesh Baghel
 (3) Bhupendrabhai Patel
 (4) Prakash Javadekar
 (5) C.K. Mishra
- Q.118.** Who among the following has Launched launch "Sansad TV"?
 (1) M Venkaiah Naidu (2) Narendra Modi
 (3) Om Birla (4) 1 and 2 only
 (5) All of the above
- Q.119.** Who has resigned Finance Chief Executive Officer of Srei Infrastructure?
 (1) Rakesh Bhutoria (2) Jai Shah
 (3) Soma Mondal (4) Vijay Rupani
 (5) Sarad Pawar
- Q.120.** Neeraj Chopra has been appointed as the brand ambassador of which of the following companies?
 (1) General Insurance of India
 (2) SBI Life Insurance
 (3) Hinduja Housing Finance
 (4) Tata AIA Life Insurance
 (5) PNB MetLife India Insurance
- Q.121.** Which political party nominated Kanimozhi Somu & KRN Rajesh Kumar for Rajya Sabha?
 (1) DMK (2) BJP (3) INC
 (4) BSP (5) TMC
- Q.122.** The highest and the most prestigious "Rajbhasha Keerthi Puraskar" award has presented to which of the following organisation?
 (1) Indian Space Research Organisation
 (2) National Mineral Development Ltd.
 (3) Defence Research and Development Organisation
 (4) Hindustan Aeronautics Limited
 (5) Bharat Electronics Limited
- Q.123.** Which of the following date the "Engineers Day" has been celebrated in India?
 (1) 11-Sep (2) 12-Sep (3) 13-Sep
 (4) 15-Sep (5) 16-Sep
- Q.124.** How much amount the Union Government has approved for "Production Linked Incentive" (PLI) scheme for auto, auto-components and drone industries?
 (1) Rs 30,000 crore (2) Rs 40,058 crore
 (3) Rs 26,058 crore (4) Rs 20,000 crore
 (5) Rs 15,050 crore
- Q.125.** "Sonalika Krishi Samman Awards 2021" has been honoured to whom?
 (1) Farmers
 (2) Agricultural Labour
 (3) Agriculture Minister
 (4) Agriculture Companies
 (5) NABARD
- Q.126.** According to Euromoney which of the following bank has honoured as "World's Best Bank" 2021 for fourth straight year?
 (1) HSBC

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- (2) Bank of China Limited
(3) Industrial & Commercial Bank of China Limited
(4) DBS Bank
(5) NABARD
- Q.127.** Which of the following organisation has received "Rajbhasha Keerti Puraskar" 2021-FIRST PRIZE for effective implementation of Official Language Hindi for the year 2020-21?
(1) Steel Authority of India Limited
(2) Rashtriya Ispat Nigam Ltd
(3) Bharat Heavy Electricals Limited
(4) Bharat Earth Movers Limited
(5) NABARD
- Q.128.** Which of the following organisation has launched report on "Reforms in Urban Planning Capacity in India"?
(1) NITI Aayog
(2) Steel Authority of India Limited
(3) Indian Space Research Organisation
(4) Defence Research and Development Organisation
(5) Reserve Bank of India
- Q.129.** Which date the "International Day of Democracy" has been celebrated?
(1) 16-Sep (2) 14-Sep (3) 15-Sep
(4) 12-Sep (5) 10-Sep
- Q.130.** Who has been appointed as the new chief executive officer (CEO) of Yahoo?
(1) Tim Cook (2) Susan Wojcicki
(3) Jeff Bezos (4) Jim Lanzone
(5) Elon Musk
- Q.131.** Who has attended in the 15th "East Asia Summit Energy Ministers Meeting" 2021 from India?
(1) Anupriya Singh Patel
(2) Dr. Subrahmanyam Jaishankar
(3) Dharmendra Pradhan
(4) Krishan Pal Gurjar
(5) Raj Kumar Singh
- Q.132.** Who among the following has Inaugurating the Defence Offices Complexes at Kasturba Gandhi Marg and Africa Avenue in New Delhi?
(1) Ramnath Kovind
(2) Narendra Modi
(3) Dharmendra Pradhan
(4) Ajay Kumar
(5) Rajnath Singh
- Q.133.** 21st Meeting of "SCO Council of Heads of State" held in which of the following country?
(1) China (2) Russia (3) Tajikistan
(4) India (5) Pakistan
- Q.134.** Minister of State for External Affairs signed agreement on labour mobility, facilitating recruitment of Indian citizens to work in which country?
(1) China
(2) Russia
(3) United State of America
(4) Portugal
(5) Pakistan
- Q.135.** Which company launched electric scooter "Freedom", priced at Rs 69,900?
(1) Okaya Group (2) Bajaj Auto Mobile
(3) Tata Group (4) Honda Motars
(5) None of the above
- Q.136.** Which date the "World Ozone Day" has celebrated?
(1) 17-Sep (2) 16-Sep (3) 15-Sep
(4) 14-Sep (5) 13-Sep
- Q.137.** Who has laid the foundation stone of UP National Law University?
(1) Kiren Rijiju (2) Ram Nath Kovind
(3) Yogi Adityanath (4) Narendra Modi
(5) Anandiben Patel
- Q.138.** Who has been appointed as the brand ambassador of Wonderchef?
(1) Amitabh Bachchan
(2) Akshay Kumar
(3) Mahendra Singh Dhoni
(4) Kriti Sanon
(5) Virat Kohali
- Q.139.** Who has been launch 15 Mobile Medical Units for Himachal Pradesh?
(1) Anurag Thakur (2) Mansukh Mandaviya
(3) Jai Ram Thakur (4) 1 and 2 Only
(5) 1, 2 and 3 only
- Q.140.** How much loans has been given under "Kisan Credit Card" upto September 2021?
(1) Rs 25 lakh crore (2) Rs 20 lakh crore
(3) Rs 14 lakh crore (4) Rs 12 lakh crore
(5) Rs 10 lakh crore
- Q.141.** Which of the following has launched the "Planetarium Innovation Challenge" for Indian start-ups and tech entrepreneurs?
(1) MyGov India
(2) NITI Aayog
(3) Indian Space Research Organisation
(4) Defence Research and Development Organisation
(5) National Atlas and Thematic Mapping Organisation
- Q.142.** RBI, Finance Department conducted training workshops on "e-Kuber payment system" in which of the following State?

- (1) Madhya Pradesh (2) West Bengal
(3) Goa (4) Jammu and Kashmir
(5) Maharashtra

Q.143. Which of the following has launched "Rail Kaushal Vikas Yojana"?

- (1) Bombardier Transportation
(2) Railways
(3) Railway Police Stations
(4) Integral Coach Factory
(5) Uttar Pradesh Government

Q.144. "45th meeting of GST council" has held in which of the following city?

- (1) New Delhi (2) Mumbai (3) Lucknow
(4) Kolkata (5) Bhopal

Q.145. Which of the following company has launched "MYBYK", an app-based bicycle-sharing service?

- (1) Infopark (2) Flipkart (3) Rapido
(4) Ola (5) Uber

Q.146. Who among the following has presented "Kaushalacharya Awards" 2021 to 41 skill trainers?

- (1) Dharmendra Pradhan
(2) Amit Shah
(3) Narendra Modi
(4) Ramnath Kovind
(5) Ajay Kumar

Q.147. "World Patient Day" has been Celebrated which date?

- (1) 18th September (2) 17th September
(3) 16th September (4) 15th September
(5) 14th September

Q.148. Which of the following organisation has launched a unique Scheme called "SPIN" (Strengthening the Potential of India) and set up a pottery cluster under "SFURTI" Scheme in Varanasi?

- (1) NABARD
(2) One District One Product
(3) Khadi and Village Industries Commission
(4) Central Institute of Agriculture Engineering
(5) National Bureau of Plant Genetic Resources

Q.149. Which player has won the US Open 2021 men's singles title?

- (1) Andy Murray (2) Novak Djokovic
(3) Alexander Zverev (4) Daniil Medvedev
(5) Roger Federer

Q.150. Who has been appointed as the new Prime Minister of Lebanon?

- (1) Naftali Bennett (2) Michel Aoun
(3) Ebrahim Raisi (4) Abdel Fattah Al Sisi
(5) Najib Mikati

ANSWER KEY

Q.1.(1)	Q.2.(3)	Q.3.(5)	Q.4.(2)	Q.5.(3)	Q.6.(4)	Q.7.(2)	Q.8.(4)	Q.9.(1)	Q.10.(4)
Q.11.(4)	Q.12.(1)	Q.13.(3)	Q.14.(5)	Q.15.(2)	Q.16.(1)	Q.17.(4)	Q.18.(5)	Q.19.(4)	Q.20.(4)
Q.21.(3)	Q.22.(1)	Q.23.(4)	Q.24.(5)	Q.25.(1)	Q.26.(2)	Q.27.(2)	Q.28.(2)	Q.29.(3)	Q.30.(2)
Q.31.(3)	Q.32.(3)	Q.33.(3)	Q.34.(5)	Q.35.(3)	Q.36.(1)	Q.37.(5)	Q.38.(3)	Q.39.(4)	Q.40.(1)
Q.41.(1)	Q.42.(4)	Q.43.(2)	Q.44.(3)	Q.45.(1)	Q.46.(4)	Q.47.(1)	Q.48.(3)	Q.49.(3)	Q.50.(2)
Q.51.(1)	Q.52.(1)	Q.53.(5)	Q.54.(3)	Q.55.(2)	Q.56.(3)	Q.57.(5)	Q.58.(4)	Q.59.(2)	Q.60.(4)
Q.61.(5)	Q.62.(3)	Q.63.(4)	Q.64.(3)	Q.65.(2)	Q.66.(3)	Q.67.(1)	Q.68.(2)	Q.69.(1)	Q.70.(2)
Q.71.(4)	Q.72.(5)	Q.73.(3)	Q.74.(1)	Q.75.(3)	Q.76.(1)	Q.77.(3)	Q.78.(1)	Q.79.(5)	Q.80.(4)
Q.81.(1)	Q.82.(1)	Q.83.(2)	Q.84.(3)	Q.85.(4)	Q.86.(1)	Q.87.(4)	Q.88.(3)	Q.89.(3)	Q.90.(3)
Q.91.(1)	Q.92.(3)	Q.93.(5)	Q.94.(1)	Q.95.(4)	Q.96.(2)	Q.97.(2)	Q.98.(4)	Q.99.(2)	Q.100.(1)
Q.101.(4)	Q.102.(5)	Q.103.(1)	Q.104.(2)	Q.105.(3)	Q.106.(1)	Q.107.(2)	Q.108.(3)	Q.109.(4)	Q.110.(3)
Q.111.(3)	Q.112.(4)	Q.113.(3)	Q.114.(1)	Q.115.(4)	Q.116.(3)	Q.117.(1)	Q.118.(5)	Q.119.(1)	Q.120.(4)
Q.121.(1)	Q.122.(2)	Q.123.(4)	Q.124.(3)	Q.125.(1)	Q.126.(4)	Q.127.(2)	Q.128.(1)	Q.129.(3)	Q.130.(4)
Q.131.(4)	Q.132.(2)	Q.133.(3)	Q.134.(4)	Q.135.(1)	Q.136.(2)	Q.137.(2)	Q.138.(4)	Q.139.(4)	Q.140.(3)
Q.141.(1)	Q.142.(4)	Q.143.(2)	Q.144.(3)	Q.145.(1)	Q.146.(1)	Q.147.(2)	Q.148.(3)	Q.149.(4)	Q.150.(5)

SSC GD CONSTABLE/GENERAL INTELLIGENCE & REASONING

- Q.1.** Find out the set of number amongst the four sets of numbers given in the alternatives which are similar to the set given in the question.

Given Set - [2, 6, 24]

- (A) [3, 7, 25] (B) [5, 9, 37]
(C) [8, 15, 72] (D) [17, 21, 25]

- Q.2.** In each question below is given a statement followed by two assumptions numbered I and II. An Assumption is something supposed or taken for granted. You have to consider the statement and the following assumption and decide which of the assumptions is implicit in the statement. Give answer -

Statement :

The root cause of all social evils is love for wealth.

Assumptions :

I. All those who love wealth are anti-social.

II. Wealth gives power and makes selfish.

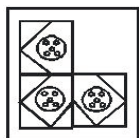
- (A) Only assumption I is implicit.
(B) Only assumption II is implicit.
(C) Neither assumption I nor II is implicit.
(D) Either assumption I or II is implicit.

- Q.3.** Arrange the following word as per order in the dictionary.

1. Food 2. Plant 3. Fruit 4. Seed

- (A) 1, 3, 4, 2 (B) 4, 2, 3, 1
(C) 1, 3, 2, 4 (D) 2, 3, 4, 1

- Q.4.** Complete the given pattern by choosing the correct alternative.



- (A) (B)
(C) (D)

- Q.5-6.** English alphabetical letters are given below in the first line and numbers/small letters are given below

them in the second line. Numbers/small letters and letters are the codes for each other. Choose the correct number-code for the given set of alphabets.

Letter	A	B	C	D	E	F	G	H	I	J	K	L	M
Small letter/Number	1	2	3	4	5	6	7	8	9	0	a	b	c
Letter	N	O	P	Q	R	S	T	U	V	w	x	y	z
Small letter/Number	e	f	g	m	r	n	s	t	p	q	d	i	j

- Q.5.** CHINA

(A) 38e91 (B) 349f1 (C) 389e1 (D) 394f1

- Q.6.** ARVIND

(A) 1rp9e4 (B) 1rqpe4
(C) 1rpeq4 (D) 1rpqe4

- Q.7.** Find the odd word / letters/ number from the given alternatives.

(A) 36 (B) 90 (C) 63 (D) 64

- Q.8-9.** From the given alternative words, select the one which can be formed using the letters of the given word.

- Q.8.** Telephony Machine

(A) Mobile (B) Telecome
(C) Timing (D) Phonology

- Q.9.** Coffee Garden park

(A) Gare (B) Parking
(C) Dame (D) Fees

- Q.10.** If Amit's father is Billu's father's only son and Billu has neither a brother nor a daughter. What is the relationship between Amit and Billu?

(A) Father and son (B) Son and daughter
(C) Brother (D) Sister

- Q.11.** If the sequence of the English alphabets is reversed which of the following would be the 16th letter from your left?

(A) M (B) K (C) L (D) J

- Q.12.** In a certain code the following numbers are coded in a certain way by assigning signs :

8 7 6 9 1 2 3 4 5 0

+ × ? # ÷ = > < -

Which number can be decoded from the following?

÷ ? - +

- (A) 29507 (B) 21607
(C) 28607 (D) 29608

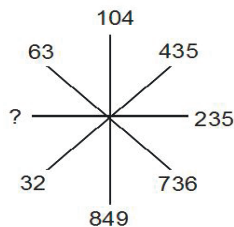
Q.13. In a certain language, 'CHAMPION' is written as 'EJCORKQP', How is 'NEGATIVE' written in that language?

- (A) PGICVKXG (B) PFJDWLYG
(C) MDFYRHUG (D) PFICVKXG

Q.14. Pointing to a girl, Sohan said, "Her mother is the only child of my maternal grandfather". How is Sohan related to that girl?

- (A) Brother (B) Cousin
(C) Uncle (D) Son

Q.15. Select the missing number from the given responses.



- (A) 16 (B) 45 (C) 25 (D) 30

Q.16. Select the missing number from the given responses.

32	38	55
46	36	90
35	38	?

- (A) 80 (B) 85 (C) 88 (D) 90

Q.17. Select the related figure from the given alternatives.

Question figures :



Answer figures :



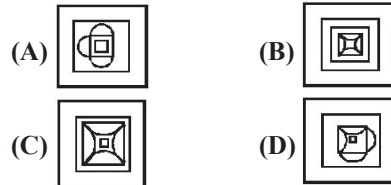
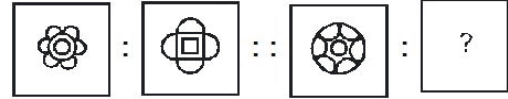
- (A) A (B) B (C) C (D) D

Q.18. Select the related letters/words/numbers/figures from the given alternatives.

120 : 143 :: 288 : ?

- (A) 325 (B) 324 (C) 323 (D) 326

Q.19. Select the related letters/words/numbers/figures from the given alternatives.



Q.20. Select the related letters/words/numbers/figures from the given alternatives.

Falsehood : Truth :: Dream : ?

- (A) Night (B) Reality
(C) Sleep (D) Untruth

Q.21. Two statements are given followed by two conclusions I and II. You have to consider the two statements to be true, even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusion can definitely be drawn from the given statement. Indicate your answer.

Statements :

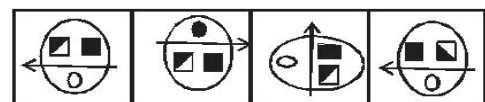
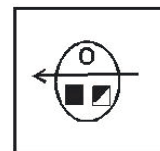
I. All goats are lion. II. All lion are bear.

Conclusions :

I. Some lion are bear. II. Some bear are goats.

- (A) Only conclusion I follows
(B) Only conclusion II follows
(C) Neither I nor II follows.
(D) Both I and II follow.

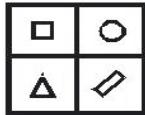
Q.22. What will be the water image of the question figure?



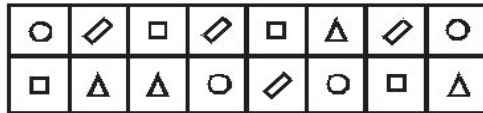
- (A) A (B) B (C) C (D) D

- Q.23.** What will the figure look like if it is moved one places clock wise direction?

Question figure :



Answer figures :



(A) (B) (C) (D)

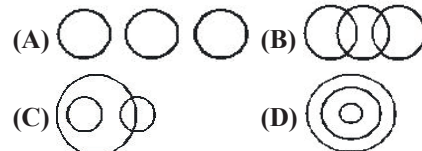
- (A) A (B) B (C) C (D) D

- Q.24.** Which of the following figure is the correct mirror image of the given figure?

FURIOUS

- (A) ɹɹɹɹɹɹɹɹɹɹ (B) ɹɹɹɹɹɹɹɹɹɹ
(C) ɹɹɹɹɹɹɹɹɹɹ (D) ɹɹɹɹɹɹɹɹɹɹ

- Q.25.** Which one of the following diagrams best depicts the relations among book, pen and eraser?



SSC GD CONSTABLE/GENERAL KNOWLEDGE & GENERAL AWARENESS

- Q.26.** The concept of economic planning in India is derived from-
(A) China (B) America
(C) Japan (D) Russia
- Q.27.** Photodynamic therapy can be used to treat _____.
(A) skin cancer (B) Blood cancer
(C) Liver cancer (D) None of the above
- Q.28.** Kaladan river flows in which of the following state?
(A) Mizoram State (B) Karnataka
(C) Himachal Pradesh (D) Goa
- Q.29.** The vice president is the ex-officio chairman of -
(A) Rajya Sabha
(B) Lok Sabha
(C) Legislative Assembly
(D) Commander of Armed Force
- Q.30.** Who has discovered inert gases?
(A) William Ramsay (B) Marie Curie
(C) Isaac Newton (D) Charles Darwin
- Q.31.** Banabhatta lived in the court of:
(A) Harsha Vardhana (B) Ashoka
(C) Akbar (D) Both B and C
- Q.32.** What is the full form of CACP?
(A) Commission for Agricultural Costs and Prices
(B) Committee of Agricultural Costs and Prices
(C) Committee of Agricultural and Commission Prices
(D) None of the above
- Q.33.** Which among the following is a 'hereditary' disease?
(A) Cystic fibrosis (B) Hemo chromatosis
(C) Both A and B (D) None of the above
- Q.34.** Which of the following pairs represent two scalar quantities?
(A) Time, volume
(B) Speed, mass
(C) Temperature, power
(D) All of the above
- Q.35.** Who is the Supreme Commander of the Indian Armed Forces?
(A) Prime Minister (B) Defense Minister
(C) President (D) Vice President
- Q.36.** A deep and narrow valley with steep sides is called a -
(A) Gorge (B) V-shaped valley
(C) Natural levee (D) Iceberg
- Q.37.** What are the grasslands of North America called?
(A) Prairies (B) Steppes
(C) Pampas (D) Both A and B
- Q.38.** Which of the following statement is correct regarding fog -
(A) Fog is an invisible aerosol consisting of tiny water droplets
(B) Fog can be considered a type of low-lying cloud
(C) Both A and B
(D) None of the above
- Q.39.** Which of the following metal is kept in kerosene to prevent it from coming in contact with oxygen and moisture?

- (A) Sodium (B) Calcium
(C) Palladium (D) Rhenium
- Q.40.** Constitution day celebrated in which of the following date?
(A) 26-November (B) 22-December
(C) 23-September (D) 6-Jun
- Q.41.** The law of inertia is also called _____.
(A) Newton's first law
(B) Newton's Second Law
(C) Newton's Third Law
(D) Frictional force
- Q.42.** Morley –Minto reforms or the Indian council act came into existence in which of the following year?
(A) 1909 (B) 1919 (C) 1965 (D) 1856
- Q.43.** Which of the following statement is correct regarding tropical evergreen forest-
(A) Redwood and palm are the examples of tropical evergreen forest
(B) leaves of trees in such forest are very wide
(C) receive rainfall less than 150 cms
(D) both a and b
- Q.44.** What is the objective of the monetary policy of RBI?
(A) Ensuring inflation and price stability
(B) Unstable economic growth
- (C) Both A and B
(D) None of the above
- Q.45.** Which of the following is the method of estimating National Income?
(A) Income method (B) Product method
(C) Expenditure method (D) All of the above
- Q.46.** Tata Iron and Steel Company was founded by-
(A) Jamsetji Tata (B) Ratan Tata
(C) JRD Tata (D) Sir Dorab Tata
- Q.47.** Right to freedom of religion comes under which Article?
(A) Articles 25-30 (B) Articles 25-28
(C) Articles 35-38 (D) Articles 45-48
- Q.48.** Loamy soil is best suited for which crop?
(A) wheat (B) sugarcane
(C) cotton (D) All of the above
- Q.49.** Which of the following river is the tributary of the Ganga River?
(A) Son (B) Gomti
(C) Mahananda (D) All of the above
- Q.50.** Under which article is the Uniform Civil Code mentioned?
(A) Article 54 (B) Article 49
(C) Article 44 (D) Article 40

SSC GD CONSTABLE/ELEMENTARY MATHEMATICS

- Q.51.** Ashish drives his car to a place 150 km away at an average speed of 50 km/hr. and returns at some speed. What is his speed for the returning journey if his average speed over whole journey is 37.5 km/hr.?
(A) 18.25 (B) 36
(C) 30 (D) 42
- Q.52.** A tap having diameter 'd' can empty a tank in 40 minute. How long another tap having diameter '2d' take to empty the same tank?
(A) 5 minutes (B) 20 minutes
(C) 10 minutes (D) 80 minutes
- Q.53.** There is 100% increase in an amount in 8 years at simple interest. Find the compound interest of Rs. 8000 after 2 years at the same rate of interest?
(A) Rs. 2500 (B) Rs. 2000
(C) Rs.2250 (D) Rs.2125
- Q.54.** The perimeter of a circle, a square and an equilateral triangle are same, and their areas are C, S and T respectively. Which of the following statement is true?
(A) $C = S = T$ (B) $C > S > T$
(C) $C < S < T$ (D) $S < C < T$
- Q.55.** Inlet Pipe A can fill the tank in one hour. Outlet pipe B can empty it in 3 hours. Both pipe working together may fill tank at rate of 8000 lit /hour. Find the capacity of the tank.
(A) 12000 lit (B) 8000 lit
(C) 6000 lit (D) 4000 lit
- Q.56.** A wire of length 44 cm. is first bent to form a circle and then rebent to form a square. The difference of the two enclosed areas is -
(A) 44 cm². (B) 33 cm².
(C) 55 cm². (D) 66 cm².

Prime Minister Narendra Modi released a special commemorative coin of ₹ 125 and also addressed the gathering, on the occasion of the 125th Birth Anniversary of Srila Bhaktivedanta Swami Prabhupada Ji via video conferencing.

Q.57. The average marks obtained by 40 students of a class is 86. If the 5 highest marks are removed, the average reduces by one mark. The average marks of the top 5 students is -

- (A) 92 (B) 96 (C) 93 (D) 97

Q.58. A can complete a work in 'm' days and B can complete it in 'n' days. How many days will it take to complete the work if both A and B work together?

- (A) $(m+n)$ days (B) $\left(\frac{1}{m} \times \frac{1}{n}\right)$ days
(C) $\left(\frac{m+n}{mn}\right)$ days (D) $\left(\frac{mn}{m+n}\right)$ days

Q.59. A tap drips at a rate of one drop/sec. 600 drop make 100 ml. The number of litres wasted in 300 days is -

- (A) 4320000 (B) 432000
(C) 43200 (D) 4320

Q.60. Three numbers are in the ratio 1 : 2 : 3 and their HCF is 12. The numbers are -

- (A) 12, 24, 36 (B) 5, 10, 15
(C) 4, 8, 12 (D) 10, 20, 30

Q.61. Find the greatest number that divides 130, 305 and 245 leaving remainder 2, 1 and 5 respectively.

- (A) 8 (B) 5 (C) 16 (D) 24

Q.62. A horse is tied to a post by a rope .If the horse moves along a circular path always keeping the rope stretched and described 88 meters when it has traced out 72° at the centre the length of the rope is $\left[\text{Take } \pi = \frac{22}{7}\right]$

- (A) 70 m. (B) 75 m. (C) 80 m. (D) 65 m.

Q.63. 15 litres of a mixture contains alcohol and water in the ratio 1:4 .If 3 litres of water is mixed in it,the percentage of alcohol in the new mixture will be-

- (A) 15 (B) $16\frac{2}{3}$ (C) 17 (D) $18\frac{1}{2}$

Q.64. A cricket player after playing 10 tests scored 100 runs in the 11th test.As a result,the average of his runs is increased by 5.The present average of runs is -

- (A) 45 (B) 40 (C) 50 (D) 55

Q.65. A can do a piece of work in 12 days while B alone can do it in 15 days.With the help of C they can finish it in 5 days.If they are paid Rs. 960 for the whole work how much money A gets?

- (A) Rs. 480 (B) Rs.240
(C) Rs.320 (D) Rs.400

Q.66. The compound interest on a certain sum of money for 2 years at 5% per annum is Rs. 410. The simple interest on the same sum at the same rate and for the same time is-

- (A) Rs. 400 (B) Rs. 300
(C) Rs. 350 (D) Rs. 405

Q.67. The milk and water in two vessels A and B are in the ratio 4 : 3 and 2 : 3 respectively. In what ratio, the liquids in both the vessels be mixed to obtain a new mixture in vessel C containing half milk and half water?

- (A) 7 : 5 (B) 5 : 2 (C) 3 : 11 (D) 1 : 2

Q.68. 6 men can do a piece of work in 12 days while 8 women can do the same work in 18 days. The same work can be done by 18 children in 10 days. 4 men, 12 women and 20 children work together for 2 days. If only men have to complete remaining work in 1 day, then find the required number of men?

- (A) 36 (B) 24 (C) 18 (D) 16

Q.69. The base of right prism is a quadrilateral ABCD. Given that AB = 9 cm., BC = 14 cm., CD = 13 cm., A = 12 cm. and $\angle DAB = 90^\circ$. If the volume of the prism be 2070 cm^3 , then the area of the lateral surface is -

- (A) 720 cm^2 (B) 810 cm^2
(C) 1260 cm^2 (D) 2070 cm^2

Q.70. A person swims a distance of 28 km. in the direction of stream in 5 hours and a distance of 13 km. in 5 hours against the stream. What is the velocity of the stream?

- (A) 2 km./hr. (B) 1.5 km./hr.
(C) 2.5 km./hr. (D) 1.8 km./hr.

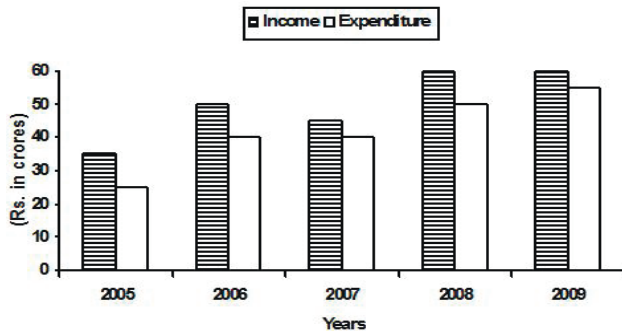
Q.71. X can do a piece of work in 6 days while Y can do the same work in 5 days. If the total amount to be given for this work is Rs. 660, what will be the share of Y, if both do the work together?

- (A) Rs. 240 (B) Rs. 380
(C) Rs. 360 (D) Rs. 290

Q.72. Ravi invested Rs. 15000 at the rate of interest 10% p.a. for one year. If the compound interest is compounded every six months, what amount will Ravi get at the end of the year?

- (A) Rs. 16537.50 (B) Rs. 16500
(C) Rs. 16525.50 (D) Rs. 18150

Q.73-75. Study the following graph which shows income and expenditure of a company over the years and answer questions.



Q.73. Ratio of total income to total expenditure of the company over the years is -

- (A) 21 : 25 (B) 25 : 21
(C) 26 : 21 (D) 25 : 22

Q.74. In how many years was the expenditure of the company more than the average expenditure of the given years?

- (A) 4 (B) 3 (C) 2 (D) 1

Q.75. The difference in profit (Rs., in crores) of the company during 2007 and 2008 is -

- (A) 5 (B) 10 (C) 15 (D) 20

SSC GD CONSTABLE/ENGLISH

Q.76. In the following question a group of four words is given. In this group, one word is correct-spelt. Find the correct-spelt word and mark your answer.

- (A) Diesel (B) Dezel
(C) Desalo (D) Deesal

Q.77. In the following question, find out which part of a sentence has an error and mark the answer to the appropriate letter (A), (B) and (C). If there is no error, mark your answer as (D).

If an outsider becomes (A)/ our leader, our very (B)/ existence is at stake. (C)/ No error (D)

- (A) A (B) B (C) C (D) D

Q.78-80. In the following question a sentence is given with a blank to be filled in with an appropriate word. Four alternatives are suggested for this question. Choose the correct alternative out of the four and mark your answer.

The government ____ an adjournment to produce records of the Company audits.

- (A) predicament (B) combat
(C) sought (D) wage

Q.79. Demonetisation had a big impact on the east and the north regions, ____ transactions are high.

- (A) which (B) when (C) where (D) who

Q.80. Light commercial vehicles emerged as the only ____ that managed to grow in December.

- (A) segment (B) parts
(C) side (D) aura

Q.81. A part of the sentence is underlined. Below are given alternatives to the underlined part A, B

and C which may improve the sentence. Choose the correct alternative. In case no improvement is needed, your answer is 'D'.

He interrogated his nephew, which was the prime suspect of the harassment.

- (A) whose (B) who
(C) where (D) No Improvement

Q.82. In the question given below, choose the word most similar in meaning to the given word and mark your answer.

METEORIC

- (A) Slow (B) Teased
(C) Careful (D) Rapid

Q.83. In the following question a group of four words is given. In this group, one word is correct-spelt. Find the correct-spelt word and mark your answer.

- (A) fulkrum (B) fullcrum
(C) fulcrum (D) fulcram

Q.84. In the question given below, choose the word most similar in meaning to the given word and mark your answer.

GAMBOL

- (A) Face (B) Trivial (C) Frolic (D) Sad

Q.85. A part of the sentence is underlined. Below are given alternatives to the underlined part A, B and C which may improve the sentence. Choose the correct alternative. In case no improvement is needed, your answer is 'D'.

Besides his wife, kids and other relatives also attends the function.

- (A) Also attend (B) Also attended
(C) Too attend (D) No Improvement

Q.86. In the question given below, choose the word most opposite in meaning to the given word and mark your answer.

Surmount

- (A) Pass (B) Apposite
(C) Fail (D) Conquer

Q.87. In the question given below, choose the word most similar in meaning to the given word and mark your answer.

PERMIT

- (A) Approve (B) Resolute
(C) Grant (D) Endorse

Q.88-89. In the question given below out of the four alternatives, choose the one which can be substituted for the given sentence and mark it as your answer.

Q.88. Always ready to attack.

- (A) Impatience (B) Precious
(C) Aggressive (D) Anecdote

Q.89. Careful not to harm or cause inconvenience to others.

- (A) Humble (B) Ambiguous
(C) Considerate (D) Impulsive

Q.90-91. Choose the option which best expresses the meaning of the given Idiom/phrase and mark your answer.

Q.90. Take the bull by the horns

- (A) Deficiency
(B) Face the problem boldly
(C) Fight the bull holding its horns
(D) Run away seeking the bull

Q.91. Tinderbox

- (A) Full of inflammable waste
(B) Extremely crowded
(C) Dangerously uncontrollable
(D) Readily ignited

Q.92. In the question given below out of the four alternatives, choose the one which can be substituted for the given sentence and mark it as your answer.

A proficient public speaker.

- (A) Economic (B) Orator
(C) Curator (D) Arbitrator

Q.93-94. In the question given below, choose the word most opposite in meaning to the given word and mark your answer.

Q.93. Ultimate

- (A) Initial (B) Decisive
(C) Ambivalence (D) Critical

Q.94. Languid

- (A) Apathetic (B) Energetic
(C) Inactive (D) Altruistic

Q.95. A part of the sentence is underlined. Below are given alternatives to the underlined part A, B and C which may improve the sentence. Choose the correct alternative. In case no improvement is needed, your answer is 'D'.

Whatever promises are make to the people of India, are fulfilled.

- (A) making (B) makes
(C) made (D) No Improvement

Q.96. In the following question, find out which part of a sentence has an error and mark the answer to the appropriate letter (A), (B) and (C). If there is no error, mark your answer as (D).

Q.96. The government should initiated (A)/ civil recovery proceedings (B)/ against rogue organisations.(C)/ No error(D)

- (A) A (B) B (C) C (D) D

Q.97. The wind does not blow (A)/ to make trees dance,(B)/ but to test its roots.(C) /No error(D)

- (A) A (B) B (C) C (D) D

Q.98. In the following question a group of four words is given. In this group, one word is correct-spelt. Find the correct-spelt word and mark your answer.

- Q.98.** (A) Saudade (B) Saudede
(C) Sawdede (D) Saudad
Q.99. (A) Honorary (B) Honorary
(C) Honerary (D) Honarary

Q.100. Which of the following best expresses the meaning of the given Idiom/phrase and mark your answer.

Sum and substance

- (A) Introduction (B) Offense
(C) Gist (D) Theme

EXPLANATION/GENERAL INTELLIGENCE & REASONING

Q.1.(A) [3, 7, 25]

Q.2.(B) Only assumption II is implicit

- Q.3.(C)
1. Food
 3. Fruit
 2. Plant
 4. Seed

Q.4.(D)



Q.5.(C) CHINA

3 8 9 e 1

Q.6.(A) ARVIND

1 r p 9 e 4

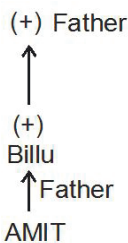
Q.7.(D) $3 + 6 = 9, 9 + 0 = 9$

$6 + 3 = 9, 6 + 4 = 10$

Q.8.(B) Telecom

Q.9.(A) Gare

Q.10.(A)



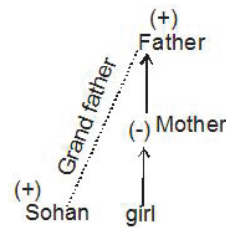
Q.11.(B) K

Q.12.(D)

Q.13.(A)

$C \xrightarrow{+2} E$	$N \xrightarrow{+2} P$
$H \xrightarrow{+2} J$	$E \xrightarrow{+2} G$
$A \xrightarrow{+2} C$	$G \xrightarrow{+2} I$
$M \xrightarrow{+2} O$	$A \xrightarrow{+2} C$
$P \xrightarrow{+2} R$	$T \xrightarrow{+2} V$
$I \xrightarrow{+2} K$	$I \xrightarrow{+2} K$
$O \xrightarrow{+2} Q$	$V \xrightarrow{+2} X$
$N \xrightarrow{+2} P$	$E \xrightarrow{+2} G$

Q.14.(A)



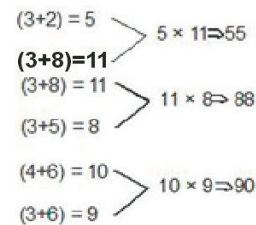
Q.15.(A) $4 \times (3+5) = 32$

$2 \times (3+5) = 16$

$7 \times (3+6) = 63$

$8 \times (4+9) = 104$

Q.16.(C)



Q.17.(D)



Q.18.(C)

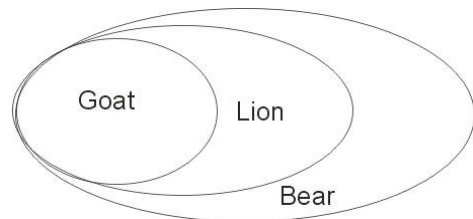
$+1 \left[\begin{matrix} (11)^2 \Rightarrow 121 - 1 \Rightarrow 120 \\ (12)^2 \Rightarrow 144 - 1 \Rightarrow 143 \end{matrix} \right.$
 $+1 \left[\begin{matrix} (17)^2 \Rightarrow 289 - 1 = 288 \\ (18)^2 \Rightarrow 324 - 1 \Rightarrow 323 \end{matrix} \right.$

Q.19.(C)



Q.20.(B) As Falsehood is related to Truth. In the same way, Dream is related to Reality.

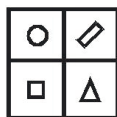
Q.21.(D)



Q.22.(D)



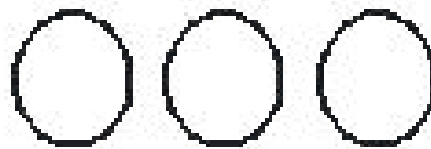
Q.23.(A)



Q.24.(D)

2001007

Q.25.(A)



EXPLANATION/GENERAL KNOWLEDGE & GENERAL AWARENESS

Q.26.(D) The concept of Economic planning in India is derived from Russia. Economic planning is done by the country to improve the economy by using only limited resources.

Q.27.(A) Photodynamic therapy can be used to treat skin cancer. It causes the photosynthesizing drug that's been applied to the skin to react with oxygen, killing the cancer cells.

Q.28.(A) Kaladan Project provides connectivity to Mizoram. - The river flows through eastern Mizoram and in Chin State and Rakhine State of western Myanmar. - It forms the international border between India and Myanmar

Q.29.(A) Article 63 of the Indian Constitution states that "There shall be a Vice President of India." The Vice President acts as President in the absence of the president due to death, resignation, impeachment, or other situations. The Vice President of India is also ex officio Chairperson of the Rajya Sabha.

Q.30.(A) Sir William Ramsay, British physical chemist who discovered four gases (neon, argon, krypton, xenon) and showed that they (with helium and radon) form

Q.31.(A) Banabhatta was a 7th-century Sanskrit prose writer and poet of India. He was the Asthana Kavi in the court of King Harsha Vardhana, who reigned 606–647 CE in north India first from Sthanvishvara (Thanesar), and later Kannauj.

Q.32.(A) Commission for Agricultural Costs and Prices (CACP) is a decentralised agency of the Government of India. The commission was established to recommend Minimum Support Prices (MSPs), to motivate cultivators and farmers to adopt the latest technology in order to optimise the use of resources and increase productivity.

Q.33.(C) Hereditary diseases are passed on from one generation to another through defective genes.

These diseases are transmitted in the same family.

Q.34.(D) Scalar quantity- A scalar quantity is usually said to be a physical quantity that only has magnitude and no other characteristics. Examples of scalar quantities are time, volume, speed, mass, temperature, power, distance, entropy, energy and work, etc.

Q.35.(C) The President of India is the Supreme Commander of the Indian Armed Forces. The Indian Armed Forces are under the management of the Ministry of defense (MoD) of the Government of India.

Q.36.(A) A gorge is a narrow valley with steep, rocky walls located between hills or mountains. The term comes from the French word gorge, which means throat or neck. A gorge is often smaller than a canyon, although both words are used to describe deep, narrow valleys with a stream or river running along their bottom.

Q.37.(A) In North America temperate grasslands are called Prairies.

Q.38.(C) Fog is a visible aerosol consisting of tiny water droplets or ice crystals suspended in the air at or near the Earth's surface. Fog can be considered a type of low-lying cloud, usually resembling stratus, and is heavily influenced by nearby bodies of water, topography, and wind conditions.

Q.39.(A) Sodium (Na) is a very reactive metal. It is kept in kerosene to prevent it from coming in contact with oxygen and moisture.

Q.40.(A) Constitution day which is also known as the Samvidhan Divas is celebrated every year on November 26 to mark the day on which the Constitution of India was adopted.

Q.41.(A) The law of inertia is also called Newton's first law.

- Q.42.(A)** Morley –Minto reforms or the Indian Council act came into existence in 1909.
- Q.43.(D)** The tropical evergreen forests usually occur in areas receiving more than 200 cm of rainfall and having a temperature of 15 to 30 degrees Celsius. They occupy about seven per cent of the earth's land surface and harbours more than half of the world's plants and animals. They are found mostly near the equator.
- Q.44.(A)** Monetary policy is the process by which a central bank (Reserve Bank of India or RBI) manages money supply in the economy. The objectives of monetary policy include ensuring inflation targeting and price stability, full employment and stable economic growth
- Q.45.(D)** National income means the value of goods and services produced by a country during a financial year. Thus, it is the net result of all economic activities of any country during a period of one year and is valued in terms of money.
- Q.46.(A)** Tata Iron and Steel Company was founded by Jamsetji Tata and established by Dorabji Tata on 26 August 1907 and began producing steel in 1912

as a branch of Jamsetji's Tata Group. By 1939, it operated the largest steel plant in the British Empire.

- Q.47.(B)** Right to freedom of religion, covered in Articles 25, 26, 27 and 28, provides religious freedom to all citizens of India. The objective of this right is to sustain the principle of secularism in India. According to the Constitution, all religions are equal before the State and no religion shall be given preference over the other. Citizens are free to preach, practice and propagate any religion of their choice.
- Q.48.(D)** Loamy soil is ideal for growing crops such as wheat, sugarcane, cotton, jute, pulses, and oilseeds. Vegetables also grow well in this soil.
- Q.49.(D)** Tributaries of Ganga include Ramganga, Gomti, Ghaghara, Gandak, Kosi and Mahananda from left bank and Yamuna, Tamsa, Son and Punpun from the right bank.
- Q.50.(C)** It was decided to add the implementation of Uniform Civil Code to Article 44 of the Directive Principles of the Constitution, "The State shall endeavor to secure citizens for uniform Civil Code throughout India."

EXPLANATION/ELEMENTARY MATHEMATICS

- Q.51.(C)** According to the question,

$$37.5 = \frac{2 \times 150}{\frac{150}{50} + \frac{150}{x}}$$

$$112.5 + \frac{5625}{x} = 300$$

$$x = \frac{5625}{300 - 112.5} = 30$$

- Q.52.(C)**

$$\text{Reqd. time} = 40 \times \frac{1}{4}$$

$$= 10 \text{ min.}$$

- Q.53.(D)**

$$P = \frac{P \times R \times 8}{100}$$

$$\Rightarrow R = \frac{100}{8} = 12.5 \%$$

According to question

$$CI = 8000 \left[\left(1 + \frac{12.5}{100} \right)^2 - 1 \right]$$

$$= 8000 \left[\frac{81 - 64}{64} \right]$$

$$= \frac{8000 \times 17}{64} = \text{Rs. 2125}$$

- Q.54.(B)** Let perimeter of circle, square and equilateral triangle be 44

$$\therefore 2\pi r = 44$$

$$\Rightarrow r = 7$$

$$\therefore \pi r^2 = \frac{22}{7} \times 7 \times 7 = 154$$

$$4a = 44$$

$$\Rightarrow a^2 = 121$$

$$3a = 44$$

$$a = \frac{44}{3}$$

$$\therefore \frac{\sqrt{3}}{4} a^2 = \frac{\sqrt{3}}{4} \times \frac{44}{3} \times \frac{44}{3} = 93.04$$

$$\therefore C > S > T$$

- Q.55.(A)** 12000 lit

- Q.56.(B)** $2\pi r = 44$

$$\Rightarrow r = 7$$

$$\therefore \pi r^2 = \frac{22}{7} \times 7 \times 7 = 154$$

$$\text{and } 4a = 44, \Rightarrow a = 11, \therefore a^2 = 121$$

$$\therefore \text{Required difference} = 154 - 121 = 33 \text{ cm}^2.$$

Q.57.(C) $40 \times 86 = 35 \times 85 + 5 \times x$
 $\Rightarrow 5x = 3440 - 2975, \Rightarrow x = \frac{465}{5}, \Rightarrow x = 93$

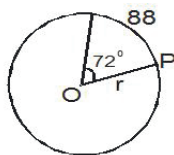
Q.58.(D) Req number of days = $\frac{1}{m} + \frac{1}{n}$
 $\frac{n+m}{mn} = \left(\frac{mn}{m+n}\right)$ days

Q.59.(D) Required number = $\frac{300 \times 24 \times 60 \times 60}{600 \times 10}$
 $= 4320$ lit.

Q.60.(A) Let number be $x, 2x, 3x$
 \therefore HCF = 12
 \therefore Numbers are = 12, 24, 36

Q.61.(C) Reqd. number = H.C.F of $(130 - 2), (305 - 1), (245 - 5)$
 $= 16$

Q.62.(A)



$\frac{2\pi r\theta}{360^\circ} = 88$
 $\Rightarrow r = 70$ m

Q.63.(B)

Quantity of water in mixture

$= \frac{4}{5} \times 15 = 12$ Ltr.

Quantity of alcohol in mixture = 3 Ltr.

\therefore Required % = $\frac{3}{18} \times 100 = 16\frac{2}{3}$ %

Q.64.(C) $10 \times x + 100 = 11(x+5)$

$10x + 100 = 11x + 55$

$x = 45$

Present average = $45 + 5 = 50$

Q.65.(D) A can do in 12 days while b can do in 15 days

A- 12 Days

B- 15 Days

Total work 60 unit

Efficiency of A = 5

Efficiency of B = 4

By calculation we will get efficiency of C to be 3

Ratio of efficiency of A, B & C

A:B:C = 5:4:3

Total Amount they got = 960

Share of A = $\frac{960}{12} \times 5 = \text{Rs.} 400$

Q.66.(A)

$410 = P \left(1 + \frac{5}{100}\right)^2 - P, \Rightarrow 410 = \frac{41P}{400}$

$\Rightarrow P = 4000$

Simple interest = $\frac{4000 \times 5 \times 2}{100} = \text{Rs.} 400$

Q.67.(A)

$\frac{4}{7}x + \frac{2}{5}y = \frac{3}{7}x + \frac{3}{5}y \Rightarrow \frac{1}{7}x = \frac{1}{5}y$

$\Rightarrow \frac{x}{y} = \frac{7}{5} \Rightarrow x : y = 7 : 5$

Q.68.(A)

6×12 men = 8×18 women

$= 18 \times 10$ children

12 men = 24 women = 30 children

4 men + 12 women + 20 children

$= 4$ men + 6 men + 8 men

$= 18$ men

Time to do remaining work for 1 man

$= (6 \times 12 - 18 \times 2) = 36$ days

Reqd. number = 36

Q.69.(A)

Base area = $\frac{1}{2} \times 12 \times 9 + \sqrt{21 \times 6 \times 7 \times 8}$

$= 54 + 84 = 138$

\therefore Height of prism = $\frac{2070}{138} = 15$ cm.

\therefore Lateral surface area of prism =

$(9+14+13+12) \times 15 = 720$ cm.²

Q.70.(B)

Velocity of the stream

$= \frac{1}{2} \left[\frac{28}{5} - \frac{13}{5} \right]$

$= \frac{1}{2} \times \frac{15}{5}$

$= 1.5$ km/h.

Q.71.(C)

x's 1 day's work = $\frac{1}{6}$

y's 1 day's work = $\frac{1}{5}$

\therefore Ratio of their wages

$$= \frac{1}{6} : \frac{1}{5} = 5 : 6$$

$$\Rightarrow 5x + 6x = 660$$

$$\therefore x = 60$$

$$\therefore \text{Wages of } y = 6 \times 60 \\ = \text{Rs. } 360$$

$$\begin{aligned} \text{Amount} &= 15000 \left(1 + \frac{5}{100}\right)^2 \\ &= 15000 \times \frac{21}{20} \times \frac{21}{20} \\ &= \text{Rs. } 16537.50 \end{aligned}$$

$$\text{Q.73.(B)} \quad \text{Required ratio} = 250 : 210 = 25:21$$

$$\text{Q.74.(C)} \quad 2$$

$$\text{Q.75.(A)} \quad 5$$

Q.72.(A)

EXPLANATION/ENGLISH

Q.76.(A) Diesel, is the correct word.

Q.77.(D) No error

Q.78.(C) sought, it is the past form of seek which means ask for something from someone.

For other options:

Predicament (n): a difficult, unpleasant, or embarrassing situation.

Combat (n): fighting between armed forces.

Q.79.(C) regions suggest places and for the places we use 'where' as a relative pronoun.

Q.80.(A) Segment here means sector or division.

Q.81.(B) who, is used for person as a relative pronoun.

Q.82.(D) Meteoric (adj): (of the development of something) very rapid.

For other options:

Tease (v): make fun of or attempt to provoke (a person or animal) in a playful way.

Q.83.(C) fulcrum, is the correct word.

Q.84.(C) Gambol (v)- run or jump about playfully, Frolic

For other options

Trivial (adj.)-unimportant

Q.85.(B) In the given context, the sentence would make more sense in the simple past tense.

The underlined part hence must be replaced with 'also attended' to make it a grammatically correct sentence.

Q.86.(C) Surmount (v): overcome (a difficulty or obstacle).

For other options:

Apposite (Adj.)- apt in the circumstances or in relation to something.

Conquer (v)- successfully overcome (a problem or weakness).

Q.87.(C) Permit (v)- Grant

For other options

Resolute (adj.)-determined

Endorse (v): declare one's public approval or support of.

Q.88.(C) Aggressive

For other options

Anecdote(N)-Story

Q.89.(C) Considerate

For other options

Impulsive (adj.)- hasty

Ambiguous (adj.)- unclear

Q.90.(B) Face the problem boldly

Q.91.(D) Tinderbox (n): a thing that is readily ignited.

Q.92.(B) Orator

For other options

Arbitrator (N)-Judge

Curator (N)-Guardian

Q.93.(A) **For other options:**

Ambivalence (n)- the state of having mixed feelings or contradictory ideas about something or someone.

Q.94.(B) **For other options:**

Altruistic (Adj.)- showing a disinterested and selfless concern for the well-being of others; unselfish.

Q.95.(C) is/am/are + v3 is the structure of passive voice.

Q.96.(A) Replace 'initiated' with 'initiate', because shall, should, would etc takes 'v1'.

Q.97.(C) Replace 'its' with 'their', it is used here for trees.

Q.98.(A) Saudade, is the correct word.

Q.99.(B) Honorary is the correct word.

Q.100.(C) Gist

IBPS CLERK MAINS/GENERAL AWARENESS

- Q.1.** According to Forbes Real-Time Billionaires List which of the following became the world's richest person?
(1) Bernard Arnault (2) Mukesh Ambani
(3) Bill Gates (4) Elon Musk
(5) Jeff Bezos
- Q.2.** Ace Indian swimmer Srihari Nataraj created a national record in ____ backstroke while winning his second gold of the Uzbekistan Open Championship.
(1) 100 meters (2) 50 meters (3) 30 meters
(4) 25 meters (5) 75 meters
- Q.3.** Credit Suisse has lowered its nominal GDP growth forecast for India to how much percent?
(1) 4-5% (2) 13-14% (3) 14-15%
(4) 12-13% (5) 10-11%
- Q.4.** Gir Forest National Park is situated in which state?
(1) Jharkhand (2) Uttarakhand (3) Goa
(4) Gujarat (5) Kerala
- Q.5.** How many years the Central Government has increased the retirement age of the Chairman of Life Insurance Corporation of India (LIC) from 60?
(1) 65 years (2) 62 years (3) 68 years
(4) 64 years (5) 66 years
- Q.6.** How much Airtel Africa has received a profit of in the first quarter of 2021-22?
(1) US\$ 242 million (2) US\$ 142 million
(3) US\$ 344 million (4) US\$ 442 million
(5) US\$ 500 million
- Q.7.** IFSC codes are useful in banks for the purpose of _____.
(1) fund transfer (2) cheque clearance
(3) making purchases (4) All except 3
(5) None of these
- Q.8.** In Cheque Truncation System clearing the physical cheque is kept with the _____.
(1) presenting banker (2) drawee bank
(3) beneficiary (4) repository
(5) None of these
- Q.9.** Kathak dance is related to which state ?
(1) Rajasthan (2) Gujarat
(3) Uttar Pradesh (4) Assam
(5) None of these
- Q.10.** KV Anand passed away, He was related to which profession?
(1) Cricketer (2) Director (3) Singer
(4) Doctor (5) Advocate
- Q.11.** Mahindra Rural Housing Finance signed an agreement with which of the following bank for cash management solutions?
(1) Airtel Payment Bank
(2) India Post Payments Bank
(3) Punjab National Bank
(4) Paytm Payments Bank
(5) Jio Payment Bank
- Q.12.** Najib Mikati has become the new Prime Minister of which of the following country?
(1) Iraq (2) Egypt (3) Germany
(4) Lebanon (5) Chile
- Q.13.** Nanda Devi National Park is located in which state?
(1) Uttar Pradesh (2) Bihar
(3) Uttarakhand (4) Madhya Pradesh
(5) Maharashtra
- Q.14.** Negotiable Instruments Act is applicable in:
(1) All states except union territories
(2) Whole India
(3) The whole of India except Jammu & Kashmir
(4) All union territories only
(5) The whole of India except special economic zone
- Q.15.** New Lakshadweep Orders Spawn Censure from All Parties in Kerala Assembly, who among the following is Administrator of Lakshadweep?
(1) Anil Baijal
(2) Praful Patel
(3) Devendra Kumar Joshi
(4) Vijayendra Pal Singh Badnore
(5) None of the above

- Q.16.** Recently Under "UDAN scheme" the how many routes Air service started?
 (1) 200 routes (2) 550 routes (3) 590 routes
 (4) 359 routes (5) 400 routes
- Q.17.** Recently Vijay Kashyap has been passed away, he was related to which profession?
 (1) Politician (2) Scientist (3) Cricketer
 (4) Professor (5) Economist
- Q.18.** Recently which of the following country has Declared Emergency due to Floods?
 (1) New Zealand (2) Australia (3) Italy
 (4) Maldives (5) Nepal
- Q.19.** Santosh Trophy is related with which of the following ?
 (1) Football (2) Basketball (3) Cricket
 (4) Hockey (5) None of the above
- Q.20.** State Bank of India was earlier known as
 (1) Bank of Hindustan (2) Imperial Bank of India
 (3) Bank of Calcutta (4) Bank of Maharashtra
 (5) Bank of Bombay
- Q.21.** The "National Statistics Day" is observed on which of the following day?
 (1) 29-Jun (2) 28-Jun (3) 26-Jun
 (4) 25-Jun (5) 24-Jun
- Q.22.** The HAL demonstrated which advanced light helicopter its deck operations capabilities?
 (1) Nag (2) Dhruv (3) Arjun
 (4) Talwar (5) Tridev
- Q.23.** The Headquarters of United Nations World Tourism Organization (UNWTO) is located in -
 (1) Madrid, Spain (2) Rome, Italy
 (3) Beijing, China (4) Berlin, Germany
 (5) None of these
- Q.24.** The Hockey India nominated which of the following players for Khel Ratna?
 (1) PR Sreejesh (2) Deepika Thakur
 (3) Both A & B (4) Ajay Kumar
 (5) None of these
- Q.25.** The Yangko dance is a traditional folk dance of which country?
- (1) Japan (2) Russia (3) Bhutan
 (4) China (5) None of these
- Q.26.** Three Yaogan-30 satellites launched by:
 (1) Japan (2) France (3) UK
 (4) China (5) USA
- Q.27.** Tigray region, recently seen in news, is located in which of the following country?
 (1) Djibouti (2) Eritrea (3) Ethiopia
 (4) Somalia (5) Egypt
- Q.28.** What does letter 'L' denotes in CAMELS ratings?
 (1) Leverage (2) Liability (3) Liquidity
 (4) Lien (5) None of these
- Q.29.** What is Minimum Capital Requirement to open Small Banks?
 (1) 200 Crore (2) 100 Crore (3) 300 Crore
 (4) 500 Crore (5) 400 Crore
- Q.30.** What is the capital of Hungary?
 (1) Dublin (2) Nairobi (3) Budapest
 (4) Bishkek (5) Rabat
- Q.31.** What is the rank of India in the World Press Freedom Index 2021?
 (1) 151 (2) 130 (3) 100
 (4) 142 (5) 110
- Q.32.** What is the theme of the 2021 International Yoga Day?
 (1) Yoga for Peace
 (2) Yoga for World
 (3) Yoga at Home and Yoga with Family
 (4) Yoga for Climate Action
 (5) Yoga for well-being
- Q.33.** When is the "Passport Seva Divas" observed in India?
 (1) 24-Jun (2) 23-Jun (3) 22-Jun
 (4) 26-Jun (5) 24-Jun
- Q.34.** Where is the headquarters of International Cricket Council (ICC)?
 (1) Dubai (2) New Delhi (3) London
 (4) Abu Dhabi (5) Vienna
- Q.35.** Which company has appointed Indian-American citizen Satya Nadella as its new chairman?

IBPS | CLERK MAINS

- (1) Adobe (2) Infosys (3) Microsoft
(4) Uni Point (5) TCS
- Q.36.** Which of the following bank declared Saravana Stores account as fraud?
(1) State Bank of India (2) Indian Bank
(3) Bank of Baroda (4) Yes Bank
(5) Axis Bank
- Q.37.** Which of the following country has ratified the framework agreement for the International Solar Alliance (ISA)?
(1) Japan (2) Sweden (3) Haiti
(4) Swaziland (5) Switzerland
- Q.38.** Which of the following day "International Tiger Day" has been observed?
(1) 30-Jul (2) 29-Jul (3) 28-Jul
(4) 27-Jul (5) 26-Jul
- Q.39.** Which of the following is the currency of Fiji?
(1) Dollar (2) Peso (3) Euro
(4) Franc (5) Krone
- Q.40.** Which of the following new sports that have been introduced in the Tokyo Olympics?
(1) Skateboarding (2) Sport Climbing
(3) Karate (4) Surfing
(5) All of the above
- Q.41.** Which of the following organization won Green Urja Award?
(1) IREDA (2) DRDO (3) ISRO
(4) HAL (5) NTPC
- Q.42.** Which of the following space agency Geo-imaging satellite "EOS-03" is scheduled for launch in third quarter of 2021?
(1) JAXA (2) NASA (3) SpaceX
(4) ISRO (5) None of the above
- Q.43.** Who among the following Former Director of CBI, passed away at Chennai?
(1) Rahothisman (2) Arun Jetly
(3) Susuma Swaraj (4) Shesh Narayan Singh
(5) None of the above
- Q.44.** Who among the following has been appointed as the new chairman of Delhi Electricity Regulatory Commission (DERC)?
(1) Shabihul Hasnain
(2) M. Devaraj
(3) R. K. Singh Rajeev Sharma
(4) Gurdeep Singh
(5) Shrikant M Vaidya
- Q.45.** Who among the following Indian-origin immunologist elected to National Academy of Sciences?
(1) K. Sivan (2) G Satheesh Reddy
(3) Soma Mondal (4) Sankar Ghosh
(5) K. VijayRaghavan
- Q.46.** Who authored the book "All Time Favorites for Children"?
(1) Samuel Hopkins Adams
(2) J. K. Rowling
(3) Ruskin Bond
(4) R. K. Narayan
(5) Khuswant Singh
- Q.47.** Who become 15th Chief Minister of Assam?
(1) Pema Khandu
(2) Himanta Biswa Sarma
(3) M. K. Stalin
(4) N. Rangaswamy
(5) Mamata Banerjee
- Q.48.** Who is the Vice President of the United State of America?
(1) Nancy Pelosi (2) Kamala Harris
(3) Joe Biden (4) Theresa May
(5) Boris Jonson
- Q.49.** World Malaria Day is observed on
(1) 23rd April (2) 19th April (3) 25th April
(4) 27th April (5) 10th April
- Q.50.** Who among the following has appointed as the chairman of the newly formed self-regulatory body "Digital Media Content Regulatory Council" (DMCRC)?
(1) Vikramjit Sen (2) A K Goel
(3) N. V. Ramana (4) Sanjay Yadav
(5) Ajay Kumar

IBPS CLERK MAINS/ENGLISH LANGUAGE

Q.51-55. In the following question, two sentences divided into 3 parts are given. Choose the option which contains the initials of incorrect parts. If there is no error in both the sentences, choose option (5).

Q.51. I. The Chinese Navy's research ship was force (A)/ to leave the area as it had not sought permission (B)/ to come there (C).

II. Do not ignore first attack (P)/ of acidity after the age of 40 (Q)/ as it may be a signs of heart attack (R).

- (1) B and Q (2) A and R (3) B and P
(4) C and R (5) All correct

Q.52. I. It has been a tremendous privilege to be (A)/ deep involved in the day-to-day management (B)/ of the company for so long (C).

II. The CEO at Alphabet will be in charge of (P)/ multiple venture which can potentially (Q)/ be worth hundreds of billions of dollars (R).

- (1) B and P (2) A and R (3) B and Q
(4) C and P (5) All correct

Q.53. I. One should be able (A)/ to differentiate emergent from (B)/ urgency symptoms and signs (C).

II. The window period for cardiac arrest (P)/ are 10 minutes, for heart attack 3 hours (Q)/, for stroke 3 hours. (R).

- (1) B and Q (2) A and R (3) B and P
(4) C and Q (5) All correct

Q.54. I. Some of the trains would (A)/ be short terminated while some would (B)/ running on the diverted route (C).

II. The need at this juncture (P)/ is to address impediments, (Q)/ which is holding back investments (R).

- (1) B and Q (2) C and R (3) A and P
(4) C and Q (5) All correct

Q.55. I. Our stand is that if you have to work (A)/ in ours exclusive economic zone, then you (B)/ have to take our permission (C).

II. If the present episode (P)/ in headache is unusual (Q)/ you need immediate medical attention (R).

- (1) B and Q (2) A and R (3) B and P
(4) C and Q (5) All correct

Q.56-60. In the following question, a sentence with a blank space and followed by five phrases is given. Choose the grammatically correct phrase out of the given five to complete the sentence in a meaningful way.

Q.56. Conventional addiction control and treatment _____ their limitations.

- (1) drugs and therapies works in the long run; however, they have
(2) drugs and therapies work in long run; however, they have
(3) drugs and therapies work in the long run; however, they have
(4) drugs and therapies work in the long run; however, they had
(5) drugs and therapy working in the long run; however, they have

Q.57. Since laws _____ the Indian Exclusive Economic Zone, the Indian Navy warship asked the Chinese research vessel to move out of Indian waters.

- (1) does not allow foreign countries to carry out any research activity in
(2) do not allow foreign countries to carry out any research activity in
(3) do not allows foreign countries to carry out any research activity in
(4) do not allow foreign countries to carrying out any research activity in
(5) do not allow foreign countries to carry out any research activities between

Q.58. Holistic healing focusses on the individual and works on his mind, _____ through proven evidence-based therapies and wellness programs.

- (1) body and spirit to aiding recovery from addiction and enhance his lifestyle
(2) body and spirit to aid recover from addiction and enhance his lifestyle
(3) body and spirit to aid recovery from addiction and enhancing his lifestyle

(4) body and spirit to aid recovery from addiction and enhance his lifestyle

(5) body and spirit to aid recovery from addiction and enhance their lifestyle

Q.59. From work-place pressure to a demanding _____
_____ a common occurrence.

(1) and stressful urban lifestyle, for lot of people sleeplessness, is

(2) and stressful urban lifestyle, for a lot of peoples sleepless, is

(3) and stressful urban lifestyle, for a lot of people sleeplessness, is

(4) and stress urban lifestyle, for a lot of people sleepless, is

(5) and stressful urban lifestyle, for a lots of people sleeplessness, is

Q.60. There is a common misconception that insomnia is the complete lack of sleep, _____ sound sleep.

(1) it is actual a condition which prevents you from having a

(2) it is actually a condition which prevents you from having a

(3) it is actually condition which prevents you from having a

(4) it is actually a condition which prevent you from having a

(5) it is actually a condition which prevents you in having a

Q.61-65. In the following question, out of the five phrases choose the one which is out of the context and can't be the part of a meaningful passage.

Q.61. (1) With the rise in alcohol and drug abuse, more and more lives succumb

(2) To their addiction, every year, taking over

(3) The onus of stopping lynchings rests

(4) The control of their mind and body.

(5) Addiction impacts the life of not only the addict.

Q.62. (1) Sleeplessness is the condition of not having enough sleep

(2) And may vary widely in severity, some of the most important

(3) Processes like repair, recovery and sugar balance

(4) Are yet to be decided.

(5) Occur during the deeper stages of sleep.

Q.63. (1) In a reply seeking dismissal of the Enforcement Directorate's plea

(2) To declare him a fugitive economic offender,

(3) A businessman had refuted claims

(4) Defraud and siphon off the funds

(5) That he was absconding.

Q.64. (1) According to a 2018 study conducted by a consumer products giant,

(2) A law is only as good as its enforcers.

(3) Nearly 93 per cent of Indians are sleep deprived.

(4) It also said that sleeping post 10 pm triggers

(5) A change in the sleeping pattern that leads to sleep deprivation.

Q.65. (1) There is nothing more annoying than having

(2) Your sleep disrupted at night

(3) Looks like many nights have been passed

(4) But if you are suffering from asthma

(5) Then waking at night coughing

Q.66-70. In the following question, a group of five words is given in which two words are different from the three other words same in meaning. Choose the option which contains the initials of those two words.

Q.66. A. Impending

B. Fleecy

C. Fluffy

D. Flocculating

E. Imminent

(1) A-E (2) B-D (3) C-E

(4) A-C (5) B-E

Q.67. A. Individualist

B. Astute

C. Maverick

D. Shrewd

E. Acute

(1) A-B (2) B-C (3) C-E

(4) A-C (5) B-D

Q.68. A. Formalist

B. Purist

C. Pedant

D. Radiant

E. Effulgent

(1) A-C

(2) B-D

(3) C-E

(4) A-D

(5) D-E

Q.69. A. Plangent

B. Belligerent

C. Plaintive

D. Truculent

E. Mournful

(1) A-B

(2) B-D

(3) C-E

(4) A-D

(5) B-C

Q.70. A. Prognosis

B. Metastasis

C. Projection

D. Mutation

E. Anticipation

(1) A-B

(2) B-D

(3) C-E

(4) A-D

(5) B-C

Q.71-75. In the following question, a sentence followed by four differently written sentences is given. Read them carefully and choose the option which contains the initials of the sentences conveying meaning similar to the given sentence.

Q.71. The vessel could have also been used by the Chinese to spy on the Indian activities in the Island territory.

A. The vessel could have also been used by the Indian to spy on the Chinese activities in the Island territory.

B. To spy on the Indian activities in the Island territory, the vessel could have also been used by the Chinese.

C. The Chinese could have also used the vessel to spy on the Indian activities in the Island territory.

D. To spy on the Indian activities in the Island territory, the Chinese could have also used the vessel.

(1) Only A and D

(2) Only C and D

(3) A, B and C

(4) B, C and D

(5) Only A and B

Q.72. Caught in the crossfire of a prolonged civil war between the Lankan armed forces and the Tamil militant group, many fishermen were killed.

A. Many fishermen were killed, caught in the crossfire of a prolonged civil war between the Lankan armed forces and the Tamil militant group.

B. Between the Lankan armed forces and the Tamil militant group, caught in the crossfire of a prolonged civil war, many fishermen were killed.

C. Caught in the crossfire of a prolonged civil war many fishermen were killed under the Lankan armed forces and the Tamil militant group.

D. Caught in the crossfire with the Lankan armed forces and the Tamil militant group, many fishermen were killed in a prolonged civil war.

(1) Only A and D

(2) Only C and D

(3) A, B and C

(4) B, C and D

(5) Only A and B

Q.73. Authorities believe that the Tax collections have been hit, due to a massive reduction in rates.

A. The Tax collections have been hit, due to a massive reduction in rates, according to authorities

B. Authorities believe that due to a massive reduction in rates, the Tax collections have been hit.

C. Authorities believe that due to a massive increase in rates, the Tax collections have been hit.

D. Due to a massive reduction in rates, authorities believe that the Tax collections have been hit.

(1) Only A and D

(2) Only C and D

(3) A, B and C

(4) A, B and D

(5) Only A and B

Q.74. A disabled-friendly website was developed which could work on voice recognition for those who cannot handle the mouse.

A. For those who cannot handle the mouse, a disabled-friendly website was developed which could work on voice recognition.

B. A disabled-friendly website was developed for those who cannot handle the mouse and the device could work on voice recognition.

C. A disabled-friendly website which could work on voice recognition was developed for those who cannot handle the mouse.

D. A disabled-friendly website was developed which could for those who cannot work on voice recognition, they handle the mouse.

- (1) Only A and D (2) Only C and D
(3) A, B and D (4) A, B and C
(5) Only A and B

Q.75. After it was found that the vessel was carrying out research activities, an Indian Navy warship was sent there to monitor it.

A. When the vessel was found carrying out research activities, an Indian Navy warship was sent there to monitor it.

B. An Indian Navy warship was sent there to monitor the vessel which was found carrying out research activities.

C. As soon as it was found that Indian Navy warship was sent to monitor the vessel, it was carrying out research activities.

D. Although it was found that the vessel was carrying out research activities, yet an Indian Navy warship was sent there to monitor it.

- (1) Only A and D (2) Only C and D
(3) A, B and C (4) B, C and D
(5) Only A and B

Q.76-83. Read the following passage carefully and answer the questions given below it. A certain phrase has been given in bold to help you locate it while answering some questions.

The poorest people and countries will be hit hardest, with millions locked in a downward spiral of malnutrition, water scarcity and loss of livelihoods. In Asia 237m people, including 36m in India, could face annual coastal flooding threats by 2050. In 2015 pollution killed 2.5m Indians. This month, while “gas chamber” Delhi experienced a public health emergency, Australia witnessed unseasonably early killer forest fires.

The need is for transformative action but governments remain trapped in incremental reforms. Because the sacrifices demanded are immediate, real and substantial but the gains are projected, future, generalised and diffused, the logic of individual costs and benefits clashes with the logic of collective action, for citizens and countries. The brutal reality is that the only pathway to reduce emissions on the scale demanded is for poor countries to remain mired in poverty and,

in shades of eugenics, to stop breeding, and for sizeable numbers of working and middle-class people in rich countries to fall into poverty. In a vicious circle, poor countries lack social security, which makes poor families look to more children as old-age insurance, and the growing population exacerbates every dimension of the climate crisis.

The domestic politics of persuading citizens in rich and poor to cut or abandon living standards, and the global politics of financial and technology transfers in pursuit of convergence, are fearsomely challenging. Most people fear climate change and want something done – so long as it has no major impact on their lives. In a Washington Post poll, four-fifths accepted climate change is man-made, half agreed that urgent action is needed, but only 40% would make ‘major sacrifices’. Only those whose present is assured will concern themselves more with the future. In conditions of mass Asiatic poverty, climbing out of life-killing conditions now is of higher priority than ensuring a future for succeeding generations. Elevating climate change to the topmost priority is a luxury that countries can afford only after they have climbed the per capita income ladder.

In this present-vs-future tussle, no political party is going to win majority support in India by promising to end poverty alleviation in favour of slowing climate change. But equally, leaders in northern countries – who have far deeper carbon footprints and greater financial and technological capabilities to undertake the necessary action – will face political extinction if they commit to drastic income reductions for their citizens in order to assist poor countries to cope with the transition to a decarbonised economy.

Effective action means job losses and a major drop in lifestyles for Australians when the big current emitters are China, India and the US, and Australian action will make only a minuscule contribution to reducing the risk of climate catastrophe. Neither equation computes in the real world of politics and that – not the ignorance or venality of political leaders – is the primary explanation for lack of effective action. That is the real policy challenge and haranguing, disruptive protests and slogans are no substitute for policy action.

Q.76. Which of the following sentences is/are **TRUE**, according to the passage?

(1) The main agenda was to present the Issues of capping a price on carbon and how other nations can trade in it.

(2) All the norms were concluded on how countries can lower their carbon emissions.

(3) The absence of social security in the poor countries makes poor families consider their kids as their only support system in the dotage.

(4) The issue of aggravating climate exigency is the result of the growing population.

(5) Both 3 and 4

Q.77. In conditions of mass Asiatic poverty, climbing out of current life-killing conditions are of higher priority than-

(1) Determining the process for 'net-zero emissions'.

(2) Increasing the speed of climate action targets by next year.

(3) Guaranteeing a good future for ensuing generations.

(4) Pushing other nations to settle their latest disputes.

(5) Implementing article 6 to split the carbon markets.

Q.78. As per your reading of the passage, what do the leaders in northern countries possess?

A. They have robust policy framework.

B. They have deeper ties with the other countries.

C. They have greater amount of carbon dioxide released into the atmosphere as a result of the activities of a particular individual, organization, or community.

D. They have substantial monetary capabilities.

(1) Only A and B (2) Only B, C and D

(3) Only C and D (4) Only A, B and C

(5) All of the above

Q.79. As per the passage, which of the following is related to the Australian action?

(1) Little has been done to lower the risk of climate change by the Australian action.

(2) An assured present will be offered to those who care for their future.

(3) Many people fear climate change and want something to be done because it is not excruciating for them.

(4) Both 2 and 3

(5) Both 1 and 3.

Q.80. What according to the passage, could be the possible reason behind the author's saying "elevating climate change to the topmost priority is a luxury"?

A. Deforestation and soil erosion are of the top most priority.

B. Elevating the average income of the current time

C. Non-Computation of the equation in the real world of politics and the ignorance of political leaders.

(1) Only A

(2) Only A and B

(3) Only B

(4) Only A and C

(5) Not mentioned in the passage.

Q.81. As per the author, what is seen in a Washington Post poll regarding climate change?

A. Four-fifths of accepted climate change is caused by human beings.

B. Fifty percent people thought that dire steps are required regarding climate change.

C. 'Crucial forfeiture' would be made by less than fifty percent people.

(1) Only A

(2) Only B

(3) Both A and B

(4) Both A and C

(5) All of the above

Q.82. What is/are the cardinal difference(s) between domestic politics and the global politics, according to the author?

A. Domestic politics prevents citizens from showcasing the corrupt country whereas global politics encourages political commingling.

B. Domestic politics encourages citizens to curtail quality of living whereas global politics transfers technology for uniting.

C. Domestic politics honours soldiers standing at the Warfield whereas global politics is highly myopic and works on the norms of the Paris Agreement.

(1) Only A

(2) Only B

(3) Both A and B

(4) Both A and C

(5) All of the above

Q.83. Which of the following refer(s) to the effectual course of actions, for Australians, as per the given passage?

A. Dismissal from work.

B. The effective action is a significant decline in quality of living.

C. The most effective action is actual policy challenge.

D. Disruptive protests are one of among many other efficient actions.

(1) Only A and B (2) Only B, C and D

(3) Only C and D (4) Only A, B and C

(5) All of the above

Q.84-88. In the following passage, some blanks are given and for each blank three phrases are suggested. Choose the correct phrase(s) for each blank to make the passage contextually and grammatically correct.

#PateintsAreNotFaking is a new trending social media campaign. People from all over the world are sharing their missed diagnosis experiences. The campaign is correct as more often we ignore patient's symptoms and they end up with complication. Indigestion, persistent cough, shortness of breath, constipation, fever, headache, feeling tired all the time are some common symptoms that many of us experience, but their significance is often undermined in the daily rush of life. We often ignore symptoms or ____ (A) ____ and delay going to the doctor. However, this is how our body tries to tell us that all is not well and that it's time to see a doctor. These symptoms are important as they may be due to a disease and at times, most of ____ (B) ____ health condition. Often people ignore warning signals and do not address them until they fall ill, often with grave consequences. The cardinal rule to be followed in such cases is, "Never ignore a symptom which is unusual, unexplained or ____ (C) ____ in life." They may be red flags to consult a doctor as soon as possible. Also, a patient is faking symptoms should be the last diagnosis. The commonest example of this could be the fake illness so often cited during a fight between mother-in-law and daughter-in-law. The latter mostly complains of generalized body ache and loss of energy. This is not untrue, ____ (D) ____ iron deficiency, one of the major reasons being an increase in the amount of household chores suddenly.

In general, about 80% of Indians have vitamin D deficiency and the symptoms of this in women include those related to osteomalacia such as body ache. The loss of energy is usually due to anaemia

and thus, it is important to advise them to take iron and folic acid weekly. In the Vedic Era, women used to keep a fast. In this period, it was compulsory for them to consume jaggery and chana which ____ (E) ____ iron and protein. We all know today iron and protein have to be eaten together for better iron absorption in a fasting state.

Q.84. Choose the correct option for A

A. inculcate the points

B. minimize their significance

C. their planning

(1) Only A

(2) Both B and C

(3) Only B

(4) Both A and C

(5) Only C

Q.85. Choose the correct option for B

A. the bodies undergo a

B. these are the clues of a critical

C. these may signal a serious

(1) Only A

(2) Both B and C

(3) Only B

(4) Both A and C

(5) Only C

Q.86. Choose the correct option for C

A. occurring for the first time

B. experienced initially

C. critically acclaimed

(1) Only A

(2) Both B and C

(3) Only B

(4) Both A and B

(5) Only C

Q.87. Choose the correct option for D

A. and the underlying reason could be

B. and perhaps the main cause is

C. and probably seeking for

(1) Only A

(2) Both B and C

(3) Only B

(4) Both A and B

(5) Only C

Q.88. Choose the correct option for E

A. are known as

B. are rich sources of

C. is linked with

(1) Only A

(2) Both B and C

- (3) Only B (4) Both A and C
(5) Only C

Q.89-90. Read the following passage carefully and answer the questions given below it. A certain phrase has been given in bold to help you locate it while answering some questions.

The world may see you as an attractive, successful, fun-loving person, but when you get bitten by the depression bug, your mind turns into a dark place--one you can't run away from, and more importantly, one you shouldn't run away from. Being in a state of depression is basically a feeling of inevitable doom caused by emptiness, not being able to see or find purpose, or having a mental imbalance that isn't as simple as "feeling sad". It's a severe mood disorder that cancels any possible positive thought and makes you feel vulnerable and out of sorts. Now that you know the gist of what depression entails, here's some not-so-good news--India has been ranked as the most depressed country in the world! According to the World Health Organisation (WHO), the number of Indians suffering from depression is more than that of any other place. Next in line, is China and then the USA. The study also revealed that these three countries are the most affected by anxiety, schizophrenia, and bipolar disorder. The shocking data from the exploration on depression by WHO surfaced after a study conducted for the NCMH (National Care Of Medical Health), which stated that at least 6.5% of Indians suffer from some form of a serious mental disorder, with no discernible rural-urban differences. It's no secret that Indians view mental health struggles as a shameful aberration which needs to be hidden. So most so that those who do suffer cover up their problems in a bid to look "normal". Ironically, we are also the country that has 56 million people suffering from depression, and a good 38 million suffering from anxiety issues, again, taking from reports published by WHO.

The same report also suggested that the common responses to an individual witnessing turbulent thoughts are disgust, annoyance, hatred, anger, and fear. These reactions are bound to do only one thing--create a pervasive stigma that becomes a major roadblock for those who are suffering and want to seek help. While there are several ways

to intercept depression, most of us are reluctant to accept any. The first step towards a better tomorrow is acknowledging that there is, indeed, a problem that needs your attention. And as you can see from the data--you're not alone in this! Have the conversation. It's important and the very first step towards recovery. Secondly, seeking professional help for a mental disorder needs to be viewed as being as normal as going to a cardiologist when you have an issue with your heart. It should be given equal importance and looked at as a standard procedure. Depression isn't something to be ashamed of. If you can't seem to handle it on your own, take help from someone who is trained to help you sort yourself out. Let's begin by normalising the conversation and not shying away from asking for help, should we need it. If we only manage to eradicate the stigma around mental health issues, we'd be on our way to brighter days.

Q.89. What are the different ways to block depression, as per the given passage?

- A. Identifying your cause of suffering from depression and then it requires to be treated properly afterwards.
- B. Seeking help for a mental issue needs to be seen as ordinary as going to any other doctor.
- C. Talking about your illness should be as normal as possible.
- D. Requesting for professional help or personal, in case you need it.

- (1) Only A and B (2) Only B, C and D
(3) Only C and D (4) Only A, B and C
(5) All of the above

Q.90. After a study conducted for the NCMH, the scrutiny on depression, unveiled that--

- (1) More than thirty million people are living through anxiety issues.
- (2) No less than 90% people are affected by anxiety and bipolar disorder.
- (3) Less than 10% of Indians undergo severe mental problems.
- (4) More than eighty million people are falling victim of depression.
- (5) All of the above.

Q.91-94. Following questions are based on five seven digit numbers.

3457837 9154328 5472762 7826441 7652283

Q.91. If one is subtracted from odd digit and one is added from even digit in each number then all the digits of the numbers are arranged in ascending order within each number, which of the following will be the third lowest number?

- (1) 3457837 (2) 9154328 (3) 5472762
(4) 7826441 (5) 7652283

Q.92. If first and fifth, second and sixth and third and last digits are interchanged within the number and then all the numbers are arranged in ascending order from left to right. Which of the following numbers will be second from right?

- (1) 3457837 (2) 9154328 (3) 5472762
(4) 7826441 (5) 7652283

Q.93. If all even digits and all odd digits are added within the number and then the difference between the two is drawn, which of the following numbers will have the second lowest difference between the addition of even digits and odd digits?

- (1) 3457837 (2) 9154328 (3) 5472762
(4) 7826441 (5) 7652283

Q.94. If all the digits within the numbers are added then how many of above will be exactly divisible by 8?

- (1) One (2) Two (3) Four
(4) Five (5) None of these

Q.95-99. Each of the questions below consists of a question and two statements numbered I and II given below it to answer the question. Read both the statements and answers the questions given below –

Q.95. Among eight students A, B, C, D, E, F, G and H, each having a different marks in Examination, who has the second lowest marks in the class?

I. Only three people have more marks than A. E have more marks than both B and C. F have less marks than E. F have more marks than C. B have more marks than both G and H, but less marks than C.

II. Only three people have less marks than D. A has more marks than F but have less marks than E. B have more marks than C. C has more marks than

both G and H. F has more marks than D. B have less marks than F.

(1) If the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.

(2) If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.

(3) If the data either in statement I alone or in statement II alone are sufficient to answer the question.

(4) If the data even in both statement I and II together are not sufficient to answer the question.

(5) If the data in both statements I and II together are necessary to answer the question.

Q.96. What is the distance between A and F?

I. Point A is 3 m north of point B. Point E is 8 m east of point D. Point G is 3 m west of point F. Point D is 5 m north of point C. Point F is 2 m south of point E. Point B is 7 m west of point C.

II. Point A is 10 m west of point B. Point D is 9 m north of point E. Point G is 2 m east of point E. Point C is 7 m north of point B and is 5 m west of point D. Point F is 2 m north of point G.

(1) If the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.

(2) If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.

(3) If the data either in statement I alone or in statement II alone are sufficient to answer the question.

(4) If the data even in both statement I and II together are not sufficient to answer the question.

(5) If the data in both statements I and II together are necessary to answer the question.

Q.97. How is G related to Q?

I. A is son of F. H is brother of A. R is daughter of G and sister of H. Q is son of B who is married to A.

II. Q is brother of P. C who is married to H, is mother of P. R is sister of H. F is mother of A. H is brother of A and son of G.

(1) If the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.

(2) If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.

(3) If the data either in statement I alone or in statement II alone are sufficient to answer the question.

(4) If the data even in both statement I and II together are not sufficient to answer the question.

(5) If the data in both statements I and II together are necessary to answer the question.

Q.98. How many people are standing between A and D. (Note: All are standing in a straight line facing same direction)?

I. K stands third from the left end of the line. Only six people stand between K and T. Y is an immediate neighbour of T and A. The number of people stands between K and D is equal to between B and D.

II. B is sitting right of A. Z is fifth from the left end of the line. C is sitting exactly between Z and Y. D is sitting left of A.

(1) If the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.

(2) If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.

(3) If the data either in statement I alone or in statement II alone are sufficient to answer the question.

(4) If the data even in both statement I and II together are not sufficient to answer the question.

(5) If the data in both statements I and II together are necessary to answer the question.

Q.99. In a building, the ground floor is numbered one, first floor is numbered two and so on till the topmost floor is numbered eight. Amongst eight people Q, P, O, N, M, L, K and J - each living on a different floor, but not necessarily in the same order, on which floor does O live?

I. L lives on an odd numbered floor. N lives immediately below L. Only four people live between N and K. Q lives immediately above to P and O lives one of the floors below to P but not

immediately below to P. J lives one of the floors below to Q.

II. M lives on an even numbered floor. Only five people live between M and L. Only one person lives between L and J. K lives immediately above to M. Q lives immediately above to P and O lives one of the floors below to P.

(1) If the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.

(2) If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.

(3) If the data either in statement I alone or in statement II alone are sufficient to answer the question.

(4) If the data even in both statement I and II together are not sufficient to answer the question.

(5) If the data in both statements I and II together are necessary to answer the question.

Q.100-101. Each question below is followed by a statement and two arguments I and II. You have to decide which of the following arguments is a strong argument and which is a weak argument. In making decisions about important questions, it is desirable to be able to distinguish between strong arguments and weak arguments so far as they relate to the question. Strong arguments are those which are both important and directly related to the question. Weak arguments are those which are of minor importance and also may not be directly related to the question or may be related to a trivial aspect of the question.

Q.100. Statements: Should those who have any allegation be banned from contesting elections?

Argument:

I. Yes, because they can do something wrong while staying in the government and they disrupt the normal business of the government.

II. No, every citizen has the right to contest elections and after the election, they may not do wrong.

(1) If only argument I is strong.

(2) If only argument II is strong

(3) If either argument I or II is strong.

(4) If neither argument I nor II is strong.

(5) If both arguments I and II are strong.

Q.101. Statements: Should India go for computerization in all areas?

Argument:

I. No, computerization takes a lot of money, we should not waste money on it.

II. Yes, when computers are being used in various fields in developed countries, how can India lag behind?

- (1) If only argument I is strong.
- (2) If only argument II is strong
- (3) If either argument I or II is strong.
- (4) If neither argument I nor II is strong.
- (5) If both arguments I and II are strong.

Q.102. Which of the following symbols should be placed in the blank spaces, respectively (in the same order from left to right) in order to complete the given expression in such a manner that makes the expression $A > G$ and $O \geq G$ are definitely false?

R _ E _ A _ S _ O _ N _ I _ N _ G

- (1) $>, =, <, =, \leq, =, =, \leq$
- (2) $=, <, <, >, \leq, \leq, \geq, \geq$
- (3) $>, >, <, <, =, >, >, =$
- (4) $>, =, >, >, =, =, \leq, \leq$
- (5) None of these

Q.103. Which of the following symbols should be placed in the blank spaces, respectively (in the same order from left to right) in order to complete the given expression in such a manner that makes the expression $Q > Y$ and $U < T$ are definitely true?

U _ A _ L _ I _ T _ Y _ I _ N _ E _ Q

- (1) $<, <, <, =, \geq, \leq, =, \leq, <$
- (2) $=, <, <, =, \leq, \leq, \geq, =, \leq$
- (3) $=, <, <, =, \leq, \leq, =, \leq, \leq$
- (4) $>, >, >, =, =, \leq, \leq, =, <$
- (5) None of these

Q.104-105. In question below is given a statement followed by two assumptions (I) & (II). An assumption is something supposed or taken for granted. You have to consider the statement and the following assumptions then decide which of the assumption(s) is/are implicit in the statement.

Q.104. Statements: Most of the employees of the organization decided to join their families and

the party was partied overnight and the film was watched.

Assumptions:

I. The management of the organization cannot welcome the enthusiasm of the employee.

II. The management of the organization can provide sufficient funds for the party and the film.

- (1) If only I is implicit.
- (2) If only II is implicit.
- (3) If either I or II is implicit.
- (4) If neither I nor II is implicit.
- (5) If both I and II are implicit.

Q.105. Statements: The situation in the region is tense and out of control. People are requested not to leave their homes.

Assumptions:

I. Some unpleasant events are likely to occur.

II. After this information, all institutions, schools, colleges and markets will not open.

- (1) If only I is implicit.
- (2) If only II is implicit.
- (3) If either I or II is implicit.
- (4) If neither I nor II is implicit.
- (5) If both I and II are implicit.

Q.106-110. Study the following information carefully and answer the questions given below:

A number arrangement machine is given an input line numbers, rearranges them following a particular rule in each step. The following is an illustration of input and rearrangement.

Input: 79 421 787 15 159 688

Step I: 12 21 32 44 44 45

Step II: 51 49 48 35 23 13

Step III: 3 5 6 15 32 36

Step IV: 18 25 24 45 64 36

Step V: 9 13 18 9 19 18

Step V is the last step of the above arrangement as the intended arrangement is obtained. As per the rules followed in the above steps, find out the appropriate steps for the given input.

Input: 225 82 51 112 19 62

Q.106. Which step number would be the following step?
"4 8 9 9 9 10"

- (1) II (2) IV (3) V
(4) III (5) None of these

Q.107. If in step V all the numbers are arranged in descending order from left to right, then which number will be second to the right of the second from the left end?

- (1) 7 (2) 18 (3) 1
(4) 9 (5) None of these

Q.108. According to the arrangement in each step, what should come in place of '?' in the following series
33 25 24 ? 14 9

- (1) 18 (2) 14 (3) 24
(4) 25 (5) None of these

Q.109. Which of the following would be at the 4th position from the right in step IV?

- (1) 40 (2) 18 (3) 36
(4) 27 (5) None of these

Q.110. What is sum of all numbers in step I?

- (1) 124 (2) 110 (3) 154
(4) 103 (5) 157

Q.111-114. Study the following information carefully and answer the questions given below:

In a certain code language,

'winter is cold problems' is written as '*47x ^43p @30t &11q',

'company summer is hot' is written as '%35o *43x @30t #31n',

'winter and summer every' is written as '*47x #8o *43x \$35k',

'some nights are cold' is written as '&28p *39i #9k &11q'.

Q.111. What is the code for "market"?

- (1) %45y (2) \$37x (3) *45u
(4) *41y (5) *39x

Q.112. What is the code for "find the peace"?

- (1) %45y #28u \$26z (2) &14o #28u \$26z
(3) &14o %49f \$25y (4) \$15o %40k ^12x
(5) @30t %39x &11q

Q.113. What does '\$28n' stand for?

- (1) deepthi (2) market (3) meet
(4) kajol (5) says

Q.114. What does '!31k ©32i' stand for?

- (1) heading market (2) market meeting
(3) meeting subtitle (4) computers history
(5) computers components

Q.115-117. Study the following information carefully and answer the questions given below:

If

α means 5 m,

β means 10 m,

γ means 15 m,

δ means 20 m,

A \$ B means A is south of B,

A % B means A is north of B,

A @ B means A is east of B and

A # B means A is west of B.

Q.115. H \$ α M @ γ K # α S % β R, What is the distance between H and R?

- (1) 9 m (2) 11 m (3) 10 m
(4) 13 m (5) 14 m

Q.116. D @ α E # γ F @ α G # β H \$ δ I, What is the distance between I and D?

- (1) 15 m (2) 20 m (3) 25 m
(4) 30 m (5) None of these

Q.117. P \$ α Q # δ R @ γ S % β T, T is in which direction with respect to Q?

- (1) North-east (2) South-west (3) North-west
(4) South-east (5) None of these

Q.118-122. Study the following information carefully and answer the questions given below:

There are five persons in a training session namely A, D, C, E and B out of which one is trainer and four trainees. They all come from different places i.e. Kolkata, Patna, Lucknow, Mumbai and Chennai and likes different drinks like Chai, Cold Drink, Shake, Cold Coffee and Coffee. They have a different dress code, males wear white while females wear pink colour. Three of them are males while two are females.

The one who likes coffee does not live in Patna. D does not live in Kolkata. The one who lives in

Kolkata does not like Shake and wears white. The one who lives in Patna likes Cold Drink. A is not a student and does not wear pink. E lives in Lucknow and wears pink. Those who like Cold Drink or Shake are not females. C is a male and lives in Patna. A likes Shake. No male likes Coffee or Chai.

Q.118. Who among the following are female?

- (1) E (2) D
(3) Either 1 or 2 (4) Both 1 and 2
(5) None of these

Q.119. Which of the following person like chai?

- (1) D (2) E
(3) Either D or E (4) A
(5) None of these

Q.120. Who among the following lives in Kolkata?

- (1) B (2) E (3) D
(4) C (5) None of these

Q.121. Which of the following drinks does B likes?

- (1) Cold Drink (2) Cold Coffee
(3) Chai (4) Coffee
(5) None of these

Q.122. Who among the following is the trainer?

- (1) B (2) A (3) E
(4) D (5) None of these

Q.123-127. Study the following information carefully and answer the questions given below:

There were 8 butterflies of different colours that is Red, Pink, Green, Blue, Orange, Purple, Black and White sitting at 8 different flowers of a garden. The flowers are Rose, Lily, Jasmine, Marigold, Dahlia, Lotus, Sunflower and Oleander in a circular way facing inside. All the butterflies comes and sit on the flowers, but not in the same order as before.

The one who sits on the Dahlia is not Red in colour. The Purple butterfly is fourth to the left of a Green butterfly. The Green butterfly sits on Marigold. The one who is Orange in colour sits on Lotus and Red is on the third to the left of Purple. Only one butterfly sits between Red and the Sunflower. The Black is second to the next of the Sunflower. Lily is second to the left of the Rose. The Jasmine and Blue are an immediate neighbour of each-other. Purple is neither sits on Lily nor Rose. White sits on Oleander and immediate neighbour of Lily.

Q.123. Which colour butterfly sit between Purple and White colour butterflies?

- (1) Dahlia
(2) Sunflower
(3) Either Lotus or Oleander
(4) Either Dahlia or Rose
(5) None of these

Q.124. Which of the following butterflies sit opposite to the Blue colour butterfly?

- (1) Pink (2) Orange
(3) Green (4) Either Orange or Green
(5) None of these

Q.125. If Red sits on Rose flower, then which of the following butterflies sit on the lily flower?

- (1) Red (2) Green (3) Orange
(4) Purple (5) Pink

Q.126. If Sunflower is the neighbour of Green then, which of the following colour butterflies is sitting third to the left of a purple colour butterfly?

- (1) Red (2) Pink (3) Blue
(4) Orange (5) None of these

Q.127. Which of the following butterflies sits in front of each other?

- (1) Orange and Green (2) Blue and Purple
(3) Orange and Red (4) Purple and Orange
(5) Green and Purple

Q.128-131. Study the following information carefully and answer the questions given below:

Eight people A, B, C, E, F, G, H and I are sitting in a row. In which some of them facing north while some of them facing south direction. There are two places is the vacant place.

G and C are facing opposite direction, but C does not face South.

A is third to the right of G who is second to the right of B.

F is fourth to the right of both H and I. Only one position between A and F.

C is third to the right of E who does not face South.

I do not sit any of the extreme ends of the line. Extreme ends of the line are not vacant.

A and F are facing in the same direction which is the opposite direction of E.

Vacant places are not immediate neighbour of each-other.

There are no vacant places are between E and C.

Q.128. How many members facing in north direction?

- (1) Three (2) Four (3) Five
(4) Six (5) Cannot be determined

Q.129. Four out of five are alike in a certain way and based on a group find the one which does not belong to that group?

- (1) I (2) B (3) A
(4) G (5) H

Q.130. What is the position of F with respect to G?

- (1) Third to the right (2) Fourth to the right
(3) Fifth to the left (4) Third to the left
(5) None of these

Q.131. Who sits extreme end of the row?

- (1) C, D (2) E, C (3) C, H
(4) D, H (5) Cannot be determined

Q.132-136. Read the following information carefully and answer the questions given below:

Preeti, Qamar, Ram, Sarita, Tahir, Vartika and Sachin are seven friends working in TCS. They work in three shifts- 12:00 a.m. to 8:00 a.m., 8:00 a.m. to 4:00 p.m. and 4:00 p.m. to 12:00 a.m. There is at least one and not more than three among them in any of these shifts. Each of them get one day off in every week from monday to sunday. Qamar works with only Tahir in 8:00 a.m. to 4:00 p.m. shift and his weekly off is immediate to the next of the off day of Preeti. Sarita has weekly off on sunday and she is not in the same shift with either Ram or Qamar. Preeti works in 12:00 a.m. to 8:00 a.m. with Ram whose off day is immediately after Qamar and immediately before Tahir. Vartika's off day is immediately after Tahir but not on saturday. The employee having off day on friday works in 4:00 p.m. to 12:00 a.m. shift and that on a saturday does not work with Tahir. Sachin does not work either in 8:00 a.m. to 4:00 p.m. shift or 4:00 p.m. to 12:00 a.m. shift.

Q.132. In which shift does Vartika work ?

- (1) 8:00 a.m. to 4:00 p.m.
(2) 4:00 p.m. to 12:00 a.m.
(3) 12:00 a.m. to 8:00 a.m.

(4) Data inadequate

(5) Other than these option

Q.133. On which day of the week does Preeti have off day ?

- (1) Wednesday (2) Thursday (3) Tuesday
(4) Saturday (5) Monday

Q.134. Who among them has off day immediately on the next of Vartika's off day ?

- (1) Preeti (2) Sachin
(3) Tahir (4) Data inadequate
(5) Ram

Q.135. In which shift do three of them work ?

- (1) 12:00 a.m. to 8:00 a.m.
(2) 8:00 a.m. to 4:00 p.m.
(3) 4:00 p.m. to 12:00 a.m.
(4) Data inadequate
(5) Other than these option

Q.136. Which of the following combination of employee-off day-shift is not correct ?

- (1) Tahir-Thursday-8:00 a.m to 4:00 p.m.
(2) Vartika-Friday-4:00 p.m. to 12:00 a.m.
(3) Preeti-Wednesday-12:00 a.m. to 8:00 a.m.
(4) Sachin-Saturday-12:00 a.m. to 8:00 a.m.
(5) All are correct

Q.137. In the following question, a statement is followed by two assumptions. Which of the given assumptions is/are implicit in the statement?

Statement: Consumption rate is growing.

Assumptions:

I. Inflationary trends will be observed in consumer goods in the long run.

II. Strong economy is creating a wider affluence.

- (1) Only assumption I is implicit.
(2) Only assumption II is implicit.
(3) Either assumption I or II is implicit.
(4) Neither assumption I nor II is implicit
(5) Both assumption I and II are implicit.

Q.138. In the following question, a statement is raised and two arguments are advanced, one in favour and

one against. You have to decide which argument(s) is/are strong and which is/are weak. Remember a strong argument is both important and relevant and a weak argument relates to an unimportant aspect and has little relevance to the core statement.

Statement: Should teachers be assessed by students?

Arguments:

I. Yes, this will work as a motivational as well as a monitoring tool in the case of teachers.

II. No, the students are not competent enough to assess the teachers.

- (1) Only argument I is strong.
- (2) Only argument II is strong.
- (3) Either argument I or II is strong.
- (4) Neither argument I nor II is strong.
- (5) Both arguments I and II are strong.

Q.139. Study the following information carefully and answer the question given below.

Real estate builders have refused to bring down the property prices as proposed by the government this year.

Which of the following arguments would **strengthen** the stance taken by the builders?

- (1) Very few people ventured into buying properties this year owing to exorbitant prices set by the builders.
- (2) With the ever increasing cost of basic materials such as cement and steel, the profit of the builders has gone down by 48% this year.

(3) The builders have earned huge profit in a governmental scheme for building low cost housing societies.

(4) In a report published by a national daily, the margin of profit earned by a builder per square foot is as much as eighty percent of its cost price.

(5) The builders have to necessarily abide by the decree of the government which controls the prices of the real estate.

Q.140. Read the following information carefully and answer the questions which follow:

Many organizations have been resorting to recruitment based upon performance at graduate / post-graduate level exams rather than conducting exams for the same purpose.

Which of the following statements would **strengthen** the argument given in the above statement ?

- (1) A recent study shows no link of past performance with the performance in recruitment exams.
- (2) The graduate / post-graduate exams are considered to be severely deficient in training in job related environment.
- (3) Organisations which had undertaken recruitment on the basis of graduate / post graduate exams report a significant drop in the quality of the recruited employees.
- (4) Such policies would add to unemployment among students having below average performance in graduation or post-graduation.
- (5) Such policies could save time, money and resources of the organization which are wasted in the conduct of recruitment examinations.

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Q.141. Find the value of both quantities and then state the correct relationship.

Quantity I: Distance, if a person goes to a distance at 80 kmph he reaches 15 min early and if he goes there at 70 kmph he reaches 15 mins late.

Quantity II: Distance if two buses travels in the direction of each other at speed of 60 kmph and 50 kmph. When they meet, it was found that faster bus travelled 30 km more than the slower bus.

- (1) Quantity I > Quantity II
- (2) Quantity I \geq Quantity II
- (3) Quantity II > Quantity I

(4) Quantity II \geq Quantity I

(5) Quantity I = Quantity II or Relation cannot be established

Q.142. Find the value of both quantities and then state the correct relationship.

Quantity I: Number of days in which A can alone do the work given A and B can do a work in 80 days, B and C can do a work in 60 days, C and A can do work in 96 days.

Quantity II: Number of days in which A can alone do the work given A and B together can complete a work in 80 days. They work together for 10 days

then A left the work. If B did the remaining work in 210 days.

- (1) Quantity I > Quantity II
- (2) Quantity I \geq Quantity II
- (3) Quantity II > Quantity I
- (4) Quantity II \geq Quantity I
- (5) Quantity I = Quantity II or Relation cannot be established

Q.143. Find the value of both quantities and then state the correct relationship.

Quantity I: If the price of an article increases by 20% then by how much % a family decrease its consumption to make expenditure same?

Quantity II: If the price of an article decreases by $14\frac{2}{7}\%$ then by how much % a family increase its consumption to make expenditure same?

- (1) Quantity I > Quantity II
- (2) Quantity I \geq Quantity II
- (3) Quantity II > Quantity I
- (4) Quantity II \geq Quantity I
- (5) Quantity I = Quantity II or Relation cannot be established

Q.144. Find the value of both quantities and then state the correct relationship.

Quantity I: A jar contains a mixture of two liquids A and B in the ratio 4:1. When 10 Litre of the mixture is taken out and 10 Litre of liquid B was poured into the jar the ratio became 2:3. The quantity of liquid A contained in the jar initially is?

Quantity II: A jar contained a mixture of two liquid A and B in the ratio 6:5. When 10 Litre of mixture is taken out and 10 Litre of liquid B was poured into the jar, the ratio became 3:5. The quantity of liquid B contained in the jar finally.

- (1) Quantity I > Quantity II
- (2) Quantity I \geq Quantity II
- (3) Quantity II > Quantity I
- (4) Quantity II \geq Quantity I
- (5) Quantity I = Quantity II or Relation cannot be established

Q.145. In the following number series find the wrong term.
36, 20, 12, 8, 6, 5.5, 4.5

- (1) 5.5
- (2) 8
- (3) 12
- (4) 36
- (5) 20

Q.146. In the following number series find the wrong term.
1, 3, 9, 31, 128, 651, 3913

- (1) 651
- (2) 128
- (3) 1
- (4) 9
- (5) 3

Q.147. In the following number series find the wrong term.
2, 3, 10, 40, 172, 885, 5346

- (1) 10
- (2) 40
- (3) 172
- (4) 885
- (5) 2

Q.148. In the following number series find the wrong term.
5, 8, 16, 26, 50, 98, 194

- (1) 8
- (2) 98
- (3) 194
- (4) 50
- (5) 16

Q.149. In the following number series find the wrong term.
2, 3, 6, 15, 45, 156.5, 630

- (1) 2
- (2) 6
- (3) 630
- (4) 156.5
- (5) 15

Q.150. What approximate value should come in place of question mark (?) in the following question?
 $34.998 \times 3.98 + 15.998 \times 2.076 + 90.078 \times 7.996 = ?$

- (1) 782
- (2) 982
- (3) 882
- (4) 892
- (5) 872

Q.151. What approximate value should come in place of question mark (?) in the following question?
 $19.99\% \text{ of } 789.907 \times 15.08 + 111.999 \div 4.034 - 45\% \text{ of } 399.998 = ?$

- (1) 2220
- (2) 2290
- (3) 2190
- (4) 1320
- (5) 2480

Q.152. What approximate value should come in place of question mark (?) in the following question?
 $110.99 + 111.011 + 37.01 \times 2.999 + 44.99\% \text{ of } 180 = ?$

- (1) 394
- (2) 484
- (3) 424
- (4) 414
- (5) 464

Q.153. What approximate value should come in place of question mark (?) in the following question?
 $\sqrt{6560} \times 4.007 + 119.99 \times 1.998 - 50.001\% \text{ of } 479.908 = ?$

- (1) 350 (2) 325 (3) 375
(4) 400 (5) 275

Q.154. What approximate value should come in place of question mark (?) in the following question?

89.998% of 680.06 + 130.001% of 449.998 + 20.01% of 125.089 = ?

- (1) 1200 (2) 1300 (3) 1400
(4) 1500 (5) 1100

Q.155. 10 years ago daughter's age was two-fifth of her mother's age that time. While 10 years hence her age will be three-fifth of her mother's age then. Find the difference in the ages of the two.

- (1) 18 years (2) 20 years (3) 24 years
(4) 26 years (5) None of these

Q.156. Twenty women can complete a work in 12 days and Twenty – four children can complete the same work in 15 days. How many days will thirty women and eighteen children take to complete the work?

- (1) $5\frac{5}{7}$ (2) 5 (3) $4\frac{5}{7}$
(4) 4 (5) None of these

Q.157. A rectangular sheet of paper, when halved by folding it at mid-point of its longer side, results in a rectangle, whose longer and shorter sides are in the same proportion as the longer and shorter sides of the original rectangle. If the shorter side of the original rectangle is 2, what is the area of the smaller rectangle?

- (1) $4\sqrt{2}$ sq. unit (2) $2\sqrt{2}$ sq. unit
(3) $\sqrt{2}$ sq. unit (4) Data inadequate
(5) None of these

Q.158. Rajesh purchased two bicycles and sold them at equal selling price. On first cycle he got a profit of 40% and on second cycle he got a profit of 25%. Find that cost price of costlier cycle is how much percent more than the price of cheaper cycle?

- (1) 11% (2) 10% (3) 14%
(4) 15% (5) None of these

Q.159. A box contains 2 blue balls, 4 red balls, 5 green balls and 1 yellow ball. If three balls are picked at random, what is the probability that two are red and one is green?

- (1) $\frac{2}{22}$ (2) $\frac{1}{22}$ (3) $\frac{1}{20}$

- (4) $\frac{3}{22}$ (5) None of these

Q.160. Find the compound interest on a sum of Rs. 3072 invested in a bank at a compound interest of 6.25% compounded annually for a time period of 2 years and 8 months

- (1) 540.5 (2) 640.5 (3) 440.5
(4) 390.5 (5) None of these

Q.161. Ten students are planning to go on a picnic. If five more students have gone total expenditure would have increased by 1000 Rs. but per head average expenditure would decreased by Rs. 80. Find per head expenditure if 20 students have gone for picnic.

- (1) 420 (2) 520 (3) 220
(4) 320 (5) None of these

Q.162. The letters of the word "AVAILABLE" are randomly arranged. Find the probability that all the vowels come together.

- (1) $\frac{7}{126}$ (2) $\frac{11}{126}$ (3) $\frac{5}{126}$
(4) $\frac{3}{126}$ (5) None of these

Q.163. A book seller sells a book at a profit of 10%. If he had bought it at 4% less and sold it for 6 more, he would have gained $18\frac{3}{4}\%$. The cost price of the book is-

- (1) Rs.130 (2) Rs.140 (3) Rs.150
(4) Rs.160 (5) Rs.165

Q.164. A man purchased 35 kg. of rice at the rate of Rs. 9.50 per kg and 30 kg. of riced at the rate of Rs. 10.50 per kg. He mixed the two approximately at what price per kg should he sell the mixture to make 35% profit in the transaction?

- (1) 12.75 (2) 13.25 (3) 13.5
(4) 13.75 (5) None of these

Q.165. A work was assigned to Ramesh and allotted time was 60 days. But after working for 30 days he finds that he has done 25% less work than he needs to do to complete work on time. So he takes the help of Suresh who work only for half day and now total work gets completed on time. Find the ratio of efficiency of Suresh to Ramesh.

- (1) 3:04 (2) 5:03 (3) 3:05
(4) 4:03 (5) None of these

Q.166. A dealer sold a radio at a loss of 2.5%. Had he sold it for Rs. 120 more, he would have gained 7.5%. In order to gain 12.5% after a 25% discount, the marked price should be:

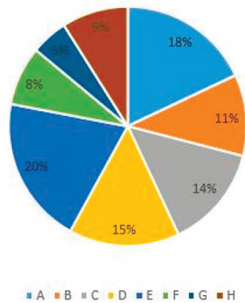
- (1) 1750 (2) 1800 (3) 1857.75
(4) 1925 (5) None of these

Q.167. 6 coins are tossed simultaneously. Find the probability of getting exactly four tails.

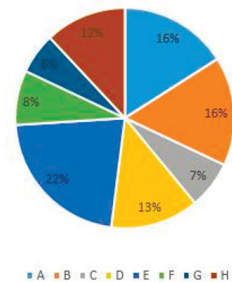
- (1) $\frac{1}{8}$ (2) $\frac{1}{4}$ (3) $\frac{15}{64}$
(4) $\frac{7}{32}$ (5) None of these

Q.168-172. Study the given pie chart and answer the given questions

Distribution of Number of Watches (Sports Watches and Luxury Watches) sold by 8 stores in 2004
Total Number = 56000



Distribution of Number of Watches (Sports Watches) sold by 8 stores in 2004
Total Number = 32000



Q.168. What is the average number of luxury watches sold by stores A, D, E, F and H together?

- (1) 3152 (2) 3296 (3) 3548
(4) 3186 (5) 3428

Q.169. If the number of watches sold by stores A, D, and E is increased by 10%, 35%, and 15% respectively from 2004 to 2005, then what was the total number of luxury watches sold by these three stores in 2005?

- (1) 16172 (2) 14966 (3) 15848
(4) 15964 (5) 16392

Q.170. Number of watches (sports watches and luxury watches) sold by store D is by what per cent more than total number of sports watches sold by stores C, F and G together?

- (1) 22.5 (2) 25 (3) 27.5
(4) 35 (5) 30

Q.171. What is the respective ratio between total number of sports watches sold by stores A and B together and total number of watches (sports and luxury) sold by stores C and F together?

- (1) 64:77 (2) 48:61 (3) 56:77
(4) 64:81 (5) 48:73

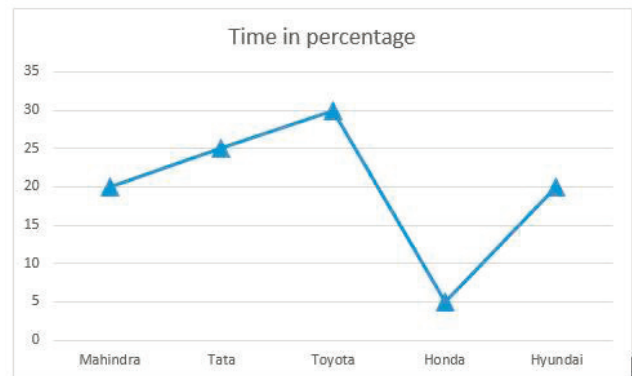
Q.172. Total number of luxury watches sold by stores C and H together is by what percent less than total number of watches (sports of watches and luxury watches) sold by stores F and H together?

- (1) $29\frac{1}{6}$ (2) $27\frac{3}{7}$ (3) $31\frac{3}{5}$
(4) $28\frac{4}{7}$ (5) $26\frac{5}{9}$

Q.173-177. Study the following information carefully and answer the given questions:

The given line graph shows the percentage of time taken by five different cars in the journey.

Total time taken in the journey = 60 hours



The given table shows the distance covered by car

Car	Distance (in km)
Mahindra	----
Tata	450
Toyota	----
Honda	180
Hyundai	----

IBPS CLERK MAINS

Q.173. If the train crosses the Mahindra car running in the same direction in 36 seconds and the same train crosses the Hyundai car running the opposite direction in 6 seconds. Train runs at the speed of 60 km/hrs. and also crosses the pole in 9 seconds. What is the difference between the distance covered by Mahindra car and Hyundai car?

- (1) 180 km (2) 220 km (3) 200 km
(4) 150 km (5) None of these

Q.174. A train can travel 50% faster than a Mahindra car. Both start from Chennai at the same time and reach Bangalore 150 km away from Chennai at the same time. On the way, however, the train lost about 25 minutes while stopping at the stations. If the speed of Mahindra Car, Toyota Car and Hyundai Car is in the ratio of 6: 4: 3 then find the average of the distance covered by all the five cars together?

- (1) 646 km (2) 746 km (3) 946 km
(4) 846 km (5) None of these

Q.175. If the total distance covered by all the cars is 1350 km and the distance covered by Mahindra car, Toyota car and Hyundai car in the ratio of 2: 3: 1. What is the average speed of all the cars together?

- (1) 28 km/hrs. (2) 25 km/hrs. (3) 26 km/hrs.
(4) 22 km/hrs. (5) None of these

Q.176. A train running at the speed of 72 km/hrs. crosses another train in opposite direction at 54 km/hrs. in 12 seconds. The first train crosses the 260 m long bridge in 20 seconds and the second train crosses Toyota car running in the opposite direction in 6 seconds, then find the distance covered by Toyota car?

- (1) 2052 km (2) 1082 km (3) 2064 km
(4) 2084 km (5) None of these

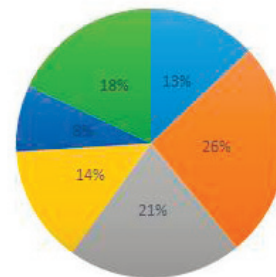
Q.177. The sum of the speed of Tata car and Honda car is what percent of the distance covered by Toyota car, if the speed of Toyota car is 40 km/hrs.?

- (1) 15.25% (2) 10.75% (3) 12.50%
(4) 8% (5) None of these

Q.178-182. Study the following information carefully and answer the given questions.

The following pie chart shows total number of employees in different MNC companies and the table shows the percentage of females in the companies.

Total number of employee = 26000



■ TATA ■ Microsoft ■ Apple ■ HP ■ CITI Group ■ Coca-Cola

Company	Percentage of female
Microsoft	40
Apple	35
HP	25
CITI Group	55
Coca-Cola	30
TATA	55

Q.178. Find the average number of male employees in TATA, HP and CITI Group?

- (1) 1875 (2) 1687 (3) 1574
(4) 1729 (5) None of these

Q.179. Total number of employees of Microsoft is approximately what percentage of total number of employees of Coca-Cola?

- (1) 128% (2) 125% (3) 136%
(4) 112% (5) 144%

Q.180. Total number of female employees in Microsoft and CITI Group is approximately what percentage more/less than the total male employees in Coca-Cola and Apple?

- (1) 58 % more (2) 44 % less (3) 32 % more
(4) 32 % less (5) 58 % less

Q.181. Which Company has the highest number of female employees?

- (1) Microsoft (2) Coca-Cola
(3) CITI Group (4) TATA
(5) None of these

Q.182. Find the ratio between the total number of male employees in HP to the total number of female employees in Coca-Cola?

- (1) 32:17:00 (2) 27:14:00 (3) 35:18:00
(4) 28:19:00 (5) None of these

Q.183-185. Angesh, Praveen and Ajeet enter into a

partnership. They invest money a year in 3 equal intervals. Ratio of the investment of their investment in first time is 4: 2: 3. After, that they invest money in ratio 3: 4: 3 and last time, Angesh invests double amount from the previous investment, and Praveen and Ajeet invest Rs.5000 more than their respective previous investments. At the end of second interval, Ajeet's total investment was Rs.5000 less than that of Angesh that time.

Q.183. Find the total investment made by Praveen?

- (1) Rs.35000 (2) Rs 45000 (3) Rs 50000
(4) Rs 55000 (5) Rs 65000

Q.184. Find the Praveen's share in profit after a year.

- (1) Nov-34 (2) 13/34 (3) 23-Nov
(4) 13/23 (5) None of these

Q.185. If after one year share of the profit of Angesh is Rs.15000 more than the profit share of Ajeet, Praveen invest their profit in SIP which gives 8% per annum compound interest then how much total Profit amount earn by Praveen after 3 from starting of the business?

- (1) 64152 (2) 68556 (3) 18940
(4) 33742 (5) None of these

Q.186-190. In each of the following questions, a question is followed by some statements. Read the statements and decide which statements are necessary to answer the question.

Q.186. What is the speed of man in still water?

I: The speed of man in still water is three times the speed of the stream.

II: In 20 minutes, the man can swim 5 Km with the stream whereas he can swim only 2.5 Km against the stream in same time.

- (1) Only I
(2) Only II
(3) Any one of the two
(4) All together are sufficient
(5) All together are not sufficient

Q.187. What is the area of the square?

I. The side of the square is 30% more than the length of the rectangle.

II. The perimeter of the rectangle is 25 cm more than the circumference of the circle.

III. The perimeter of the square is 84 cm.

- (1) Only II
(2) Only I or (II and III)
(3) Any two of the three
(4) All three together are sufficient
(5) None of these

Q.188. In a concert in school, amount gathered by selling the tickets was Rs 60000 when all were of equal value. Each student got 1 ticket. What was the cost of 1 such ticket?

I: If the price of each ticket had been Rs 50 less, the total amount gathered would have been 15000 less.

II: If the price of each ticket had been Rs 50 more, the total amount gathered would have increased by 25%.

- (1) Only I
(2) Only II
(3) Any one of the two
(4) All together are sufficient
(5) All together are not sufficient

Q.189. A shopkeeper sells a mixture of X and Y at a rate of Rs 400 per kg. Find the profit percentage of the shopkeeper

I: He bought X at the rate of Rs 350 per kg

II: He bought Y at Rs 10 higher than the rate of X per kg.

III: He mixed Y, 40 kg more than that of X.

- (1) Only I and II
(2) Only I and III
(3) Any two of the three
(4) All three together are sufficient
(5) All three together are not sufficient

Q.190. Seema and Reena are two sisters. What is the present age of Seema?

I. Seema is 5 years younger than her brother.

II. The ratio of the present ages of Reena and her brother is 3 : 5.

III. After 7 years Reena's age will be 22 years.

- (1) I and (II or III)
(2) Only II and III
(3) Any two of the three
(4) All three together are sufficient
(5) All three together are not sufficient

EXPLANATION/ IBPS CLERK MAINS/GENERAL AWARENESS

- Q.1.(1)** French fashion tycoon Bernard Arnault became the world's richest person with an estimated net worth of \$186.3 billion, according to Forbes Real-Time Billionaires List.
- Q.2.(2)** Ace Indian swimmer Srihari Nataraj created a national record in 50m backstroke while winning his second gold of the Uzbekistan Open Championship.
- Q.3.(2)** The Credit Suisse has lowered its nominal GDP growth forecast for India to 13-14%.
- Q.4.(4)** Gir Forest National Park is situated in Gujarat.
- Q.5.(2)** The government has extended the superannuation age of IPO-bound LIC Chairman to up to 62 years by making amendment to the Life Insurance Corporation of India (Staff) Regulations, 1960.
- Q.6.(2)** Airtel Africa posted a profit of USD 142 million in the first quarter of 2021-22.
- Q.7.(4)** It is an 11 character code assigned by RBI to identify every bank branch uniquely.
- Q.8.(1)** In Cheque Truncation System, clearing the physical cheque is kept with the presenting banker.
- Q.9.(3)** Kathak dance is related to Uttar Pradesh.
- Q.10.(2)** Tamil director-cinematographer KV Anand has passed away in Chennai due to Covid-19 related complications.
- Q.11.(2)** The Mahindra Rural Housing Finance and India Post Payments Bank announced a strategic partnership for cash management solution.
- Q.12.(4)** Najib Mikati has become the new Prime Minister of Lebanon with 72 votes in the Parliament. This will be Mikati's third time serving as the Prime Minister of the country.
- Q.13.(3)** The Nanda Devi National Park was established in 1982 and situated around the peak of Nanda Devi in the state of Uttarakhand in northern India.
- Q.14.(2)** Negotiable Instruments Act is applicable in Whole India.
- Q.15.(2)** The Kerala Assembly unanimously passed a resolution demanding the removal of Lakshadweep Administrator Praful Patel over his alleged "anti-people" policies, and reminding the centre of its responsibility to protect the lives and livelihoods of the islanders.
- Q.16.(4)** Civil Aviation Minister Jyotiraditya Scindia said that to increase air connectivity, under the Regional Connectivity Scheme- 'UDAN', air service has started operating on 359 routes so far and 59 new airports have been established.
- Q.17.(1)** President Ram Nath Kovind has paid condolences on the demise of Uttar Pradesh Minister Vijay Kashyap.
- Q.18.(1)** Emergency Declared As New Zealand Floods Threaten Thousands Of Homes.
- Q.19.(1)** Santosh Trophy is related with Football.
- Q.20.(2)** State Bank of India was earlier known as 'Imperial Bank of India'.
- Q.21.(1)** The Government of India has been celebrating the National Statistics Day every year on 29 June. The day is celebrated on the birth anniversary of Late Professor P C Mahalanobis and is an acknowledgement of his contributions to National Statistics System.
- Q.22.(2)** The HAL-ALH Dhruv Mk III MR has successfully demonstrated its deck-operations capabilities such as landing on deck, folding of blades and storing the helicopter inside the onboard hangar.
- Q.23.(1)** The United Nations World Tourism Organization (UNWTO) is the United Nations agency responsible for the promotion of responsible, sustainable and universally accessible tourism.
- Q.24.(3)** India men's goalkeeper PR Sreejesh and former women's defender Deepika Thakur were named Hockey India's nominations for the Rajiv Gandhi Khel Ratna Award.
- Q.25.(4)** The Yangko dance, also called twisting Yangko dance, is a traditional Chinese folk dance commonly performed in the Northern provinces of China.
- Q.26.(4)** The eighth group of the three Yaogan-30 satellites has been launched by China. It will join the seven previous groups that were launched in 2017. The eighth group of the satellite has been built with the new multi-satellite network operation mode.
- Q.27.(3)** The Prime Minister of Ethiopia Abiy Ahmed has recently launched military operations in the region of Tigray, in the country. The Air Force of Ethiopia has recently bombed and destroyed military artillery in the northern Tigray region.

- The campaign has been launched against the Tigray People's Liberation Front (TPLF).
- Q.28.(3)** CAMELS
C- Capital Adequacy
A- Asset Quality
M- Management Quality
E- Earnings
L - Liquidity
S- Sensitivity to Market Risk
- Q.29.(1)** The Minimum Capital Requirement to open Small Banks is 200 Crore.
- Q.30.(3)** Hungary is a landlocked country in Central Europe. Its capital, Budapest, is bisected by the Danube River.
Currency: Hungarian Forint
- Q.31.(4)** The India has been placed at 142nd position among 180 countries in the latest World Press Freedom Index 2021.
- Q.32.(5)** The theme of 2021 International Yoga Day is "Yoga for well-being".
- Q.33.(5)** In India, the Ministry of External Affairs observes the "Passport Seva Divas" on 24 June every year.
- Q.34.(1)** The Headquarters of International Cricket Council (ICC) is in Dubai.
- Q.35.(3)** Indian-American citizen Satya Nadella has been appointed as its new chairman by the Microsoft Company.
- Q.36.(2)** State-owned Indian Bank has declared the NPA account of Saravana Stores with an outstanding balance of Rs 231 crore as fraud.
- Q.37.(2)** Sweden has ratified the framework agreement for the International Solar Alliance (ISA) and is now a member of the global platform, which is an initiative of India aimed at promoting renewable energy and sustainable development.
- Q.38.(2)** "International Tiger Day" 2021: History and significance of day to raise awareness of endangered species. Every year on 29 July, the Global Tiger Day or International Tiger Day is observed globally.
- Q.39.(1)** Krone - Denmark
Franc - Mali
- Euro - Austria
Peso - Cuba
- Q.40.(5)** Four new sports have been introduced in the Tokyo Olympics. They are karate, skateboarding, surfing and sport climbing.
- Q.41.(1)** The Indian Renewable Energy Development Agency has been conferred with Green Urja Award by the Indian Chamber of Commerce. IREDA has been honored for playing a major developmental role in the Green Energy Financing in the country.
- Q.42.(4)** ISRO Indian space agency Geo-imaging satellite "EOS-03" is scheduled for launch in third quarter of 2021.
- Q.43.(1)** Rahothisman former Director of CBI, passed away at Chennai.
- Q.44.(1)** Chief Minister Arvind Kejriwal has appointed Justice (ret'd) Shabihul Hasnain as the new chairman of Delhi Electricity Regulatory Commission (DERC).
- Q.45.(4)** Indian-origin immunologist Sankar Ghosh elected to National Academy of Sciences.
- Q.46.(3)** Ruskin Bond, is coming up with a new book titled "All Time Favorites for Children" on his 87th birthday on May 19, 2021.
- Q.47.(2)** BJP leader Himanta Biswa Sarma has took oath as the 15th Chief Minister of Assam at Srimanta Shankar Dev Kalakshetra.
- Q.48.(2)** Vice President Kamala Harris and House Speaker Nancy Pelosi have made history as they shared the stage during President Joe Biden's first joint session to Congress, marking the first time that two women sat behind a US president during an address to Congress.
- Q.49.(3)** World Malaria Day is commemorated every year on 25 April and recognizes global efforts to control malaria.
- Q.50.(1)** The Indian Broadcasting Foundation (IBF) appointed Justice (Ret'd) Justice Vikramjit Sen of the Supreme Court as the chairman of the newly formed self-regulatory body Digital Media Content Regulatory Council (DMCRC).

EXPLANATION/ IBPS CLERK MAINS/ENGLISH LANGUAGE

- Q.51.(2)** In part A: The passive structure is 'was/were' + v3, so was forced should be used.
In part R: Replace 'a signs' with 'a sign', because indefinite article 'a' is used to qualify a 'singular noun'.
- Q.52.(3)** In part B: An adverb 'deeply' is required to qualify a verb 'involved'.
In part P: 'multiple' is followed by 'plural noun', so 'ventures' should be there.
- Q.53.(4)** In part C: 'urgency symptoms' must be replaced with 'urgent symptoms', an adjective 'urgent' is required to qualify a noun 'symptom'.
In part Q: 'The window period' is a singular subject so, the singular helping verb 'is'.
- Q.54.(2)** In part C: 'would' takes v1 so replace 'running' with 'run'.
In part R: 'is' should be replaced with 'are', because the subject is plural.
- Q.55.(1)** In part B: Replace 'ours' with 'our'. 'our' is a possessive adjective so after it a noun is used but 'ours' is not followed by any noun, here 'exclusive economic zone' is a noun.
In part Q: a suitable preposition is required so 'in' must be replaced with 'of'.
- Q.56.(3)** drugs and therapies work (two subjects are given so the verb is also 'plural') in the long run (it is an idiom which means over or after a long period of time); however, they have ('plural' pronoun takes a plural verb.)
- Q.57.(2)** do not allow (do/does take 'v1') foreign countries to carry out ('to' takes 'v1'.) any research activity in
- Q.58.(4)** body and spirit to aid (to takes 'v1') recovery from addiction and enhance his lifestyle
- Q.59.(3)** and stressful urban lifestyle (adj. 'stressful' qualifying the noun 'urban lifestyle'), for a lot of (correct grammatical structure) people sleeplessness, is
- Q.60.(2)** it is actually ('it' is a singular pronoun so it will take a singular helping verb 'is') a condition which prevents you from (prevent takes from with it) having (generally prepositions take gerund with them so 'having' is correct) a
- Q.61.(3)** If we see, on the basis of the context, 'drug abuse and alcohol' etc. do not connect with 'lynchings' so it is getting out of the context.
- If we remove the third phrase and directly connect 2 and 4, we will get a meaningful and grammatically correct sentence.
- Q.62.(4)** If we see, on the basis of the context, the processes mentioned in phrase 3, occur during the deeper stages of sleep, and not to be decided.
If we remove the 4th phrase and directly connect 3 and 5, we will get a meaningful and grammatically correct sentence.
- Q.63.(4)** If we see on the basis of grammar, 'the last word of phrase 3 'claims' does not link well with the first word of phrase 4, 'defraud', so it is not linking with phrase 5.
If we remove the fourth phrase and directly connect 3 and 5, we will get a meaningful and grammatically correct sentence.
- Q.64.(2)** If we see on the basis of grammar, 'a consumer products giant' and 'a law' are not linking grammatically.
If we see, on the basis of the context, a report will reveal some fact which is 'nearly 93 per cent of Indians are sleep deprived' and not 'a law is only as good as its enforcers' which is given in phrase 2 hence it is out of the context.
If we remove the second phrase and directly connect 1 and 3, we will get a meaningful and grammatically correct sentence.
- Q.65.(3)** If we see on the basis of grammar, 'at night' is a phrase which does not link well with 'looks like', because a subject is required for a phrase to start, so it is not linking with phrase 3.
If we remove the third phrase and directly connect 2 and 4, we will get a meaningful and grammatically correct sentence.
- Q.66.(1)** Fleecy, Fluffy and Flocculating are synonyms, they all mean of, like, or covered with fluff whereas Impending and Imminent are synonyms which mean forthcoming.
- Q.67.(4)** Astute, Shrewd and Acute are synonyms, they all mean having or showing sharp powers of judgement whereas Individualist and Maverick are synonyms which mean an unorthodox or independent-minded person.
- Q.68.(5)** Formalist, Purist and Pedant are synonyms, they all mean a person who is excessively concerned with minor details and rules or with

- displaying academic learning whereas Radiant and Effulgent are synonyms which mean shining brightly.
- Q.69.(2)** Plangent, Plaintive and Mournful are synonyms, they all mean (of a sound) loud and resonant, with a mournful tone whereas Belligerent, Truculent are synonyms which mean eager or quick to argue or fight.
- Q.70.(2)** Prognosis, Projection and Anticipation are synonyms, they all mean a forecast of the likely outcome of a situation.
- Whereas Metastasis and Mutation are synonyms which mean transformation or alteration.
- Q.71.(4)** All B, C and D are conveying the same meaning as per the original sentence.
- For A: The vessel was not used by the Indian, but by the Chinese, hence this cannot be the correct answer.
- Q.72.(5)** **For C:** This option is wrong because the fishermen were not killed under the Lankan armed forces the Tamil militant group.
- For D:** This option is wrong because, because the crossfire was between the Lankan armed forces and the Tamil militant group, it was not 'with' any of them.
- Q.73.(4)** All A, B and D are conveying the same meaning as per the original sentence.
- For C: 'Massive increase' is not seen in the rates as per the original sentence, so this is giving the opposite message hence this cannot be the correct answer.
- Q.74.(4)** All A, B and C are conveying the same meaning as per the original sentence.
- For D: The website was not developed for those who cannot work on 'voice recognition', so this is giving the opposite message hence this cannot be the correct answer.
- Q.75.(5)** **For C:** In the original sentence, 'the research activities carried out by the vessel' is found but in this sentence 'The Indian Navy warship was sent' is found, both are extremely different.
- For D:** This option is wrong because it is providing the entirely wrong meaning, as per the original sentence.
- Q.76.(5)** The answer lies at the last of the second paragraph of the passage.
- Q.77.(3)** The answer lies in the beginning of the last paragraph of the passage.
- Q.78.(3)** The answer lies in the beginning of the last paragraph of the passage.
- Q.79.(1)** The answer lies in the beginning of the last paragraph of the passage.
- Q.80.(5)** The reason behind the author's intention is not exactly mentioned in the passage clearly.
- Q.81.(5)** The answer lies in the third paragraph of the passage.
- Q.82.(2)** The answer lies in the beginning of the third paragraph of the passage.
- Q.83.(1)** The answer lies in the beginning of the last paragraph of the passage.
- Q.84.(3)** For A: 'symptoms' and 'inculcating the points' both are contextually two very different things, hence this phrase cannot be the answer.
- For C: 'planning' is not at all connecting with the 'symptoms' of the disease.
- Q.85.(2)** **For A:** Logically, 'undergo a health condition' does not make any sense, this phrase cannot be the answer.
- While B and C, both phrases are giving similar meaning; i.e. a hint of a deteriorating health condition.
- Q.86.(4)** **For C:** critically acclaimed means to receive generally good reviews from a number of critics, so on the basis of context symptom of any disease is not reviewed by a number of critics, so this cannot be the answer.
- While A and B, both phrases are explaining the first-ever experience of a symptom of any disease.
- Q.87.(4)** For C: No one seeks for 'iron deficiency', hence this option is easily eliminated.
- Q.88.(3)** Both A and C are contextually incorrect, as 'jaggery and chana' are not known as 'iron and protein' and 'jaggery and chana' are not suitably connecting with the terms 'iron and protein', respectively.
- Q.89.(5)** The answer lies in the second paragraph of the passage.
- Q.90.(3)** The answer lies in the first paragraph of the passage.

Q.91.(1) 3457837 9154328 5472762 7826441 7652283
2546926 8045239 4563673 6937550 6743392
(Odd-1, Even+1)

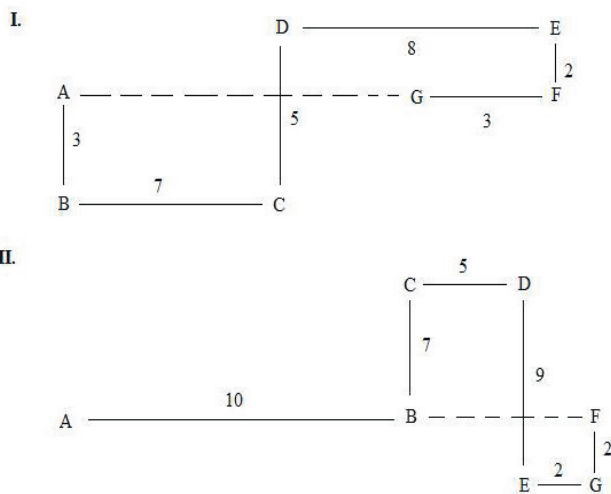
Q.92.(3) 3457837 9154328 5472762 7826441 7652283
Interchanging first and second digit
8377345 3284915 7622547 4416782 2832765
Ascending order -
2832765 3284915 4416782 7622547 8377345

Q.93.(2)

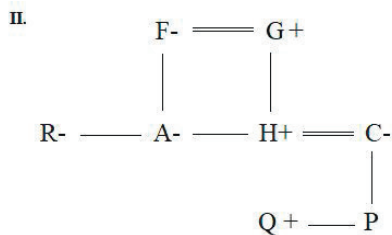
Q.94.(2) 3457837 9154328 5472762 7826441 7652283
37 32 33 32 33

Q.95.(4) I. $_ > _ > _ > A > _ > _ > _ > _$
 $E > F > C > B > G/H$
II. $_ > _ > _ > _ > D > _ > _ > _$
 $E > A > F > D/B > C > G/H$

Q.96.(3)



Q.97.(2)



Q.98.(4)

I + II.

$_ _ K _ Z _ C A Y T B$

$_ _ K _ Z _ _ C _ T Y A B$

Q.99.(2)

II.

8 L
7 N
6 J
5 Q
4 P
3 K
2 M
1 O

Q.100.(1) Yes, because they can do something wrong while staying in the government and they disrupt the normal business of the government.

Q.101.(4) The argument I is not valid as a comparison has been made between money and development.

Argument II is not valid because of the comparison to other countries.

Q.102.(1) $R > E = A < S = O \leq N = I = N \leq G$

$A > G$ {False}

$O \geq G$ {False}

Q.103.(1) $U < A < L < I = T \geq Y \leq I = N \leq E < Q$

$Q > Y$ {True}

$U < T$ {True}

Q.104.(2) The management of the organization can provide sufficient funds for the party and the film.

Q.105.(5) Both the assumptions are implicit as the given assumptions must have been taken into account before making the statement.

Q.106-110.

Input: 225 82 51 112 19 62

Addition of digits within a number and then if sum of digits is even then multiplied by 2 and if sum of digits is odd then multiplied by 3.

	$9 \times 3 = 27$	$10 \times 2 = 20$	$6 \times 2 = 12$	$4 \times 2 = 8$	$10 \times 2 = 20$	$8 \times 2 = 16$
I:	8	12	16	20	20	27
	+1	+2	+3	+4	+5	+6
II:	33	25	24	19	14	9
	3×3	2×5	2×4	1×9	1×4	9

	9	10	8	9	4	9
III:	4	8	9	9	9	10
	4×6	8×5	9×4	9×3	9×2	10×1
IV:	24	40	36	27	18	10
	24×24	40×40	36×36	27×27	18×18	10×10
	576	1600	1296	729	324	100
	5+7+6	1+6+0+0	1+2+9+6	7+2+9	3+2+4	1+0+0
V:	18	7	18	18	9	1

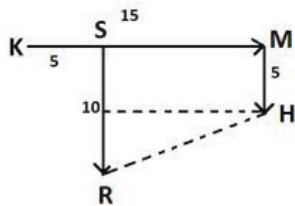
Q.106.(4) Q.107.(4) Q.108.(5)
 Q.109.(3) Q.110.(4)
 Q.111-114.

For Number: Sum of the first letter, last letter and number of letters in the word.

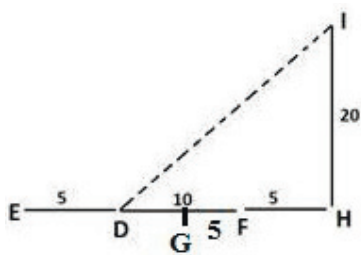
For Letter: Opposite of second last letter and plus two.

For Symbols: Depend on the number of letters in the word ie. If the number of letters is (2=@, 3=#, 4=&, 5=\$, 6=*, 7=%, 8=^, 9=!))

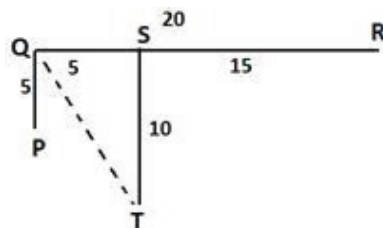
Q.111.(5) Q.112.(2) Q.113.(4)
 Q.114.(5)
 Q.115.(2)



Q.116.(3)



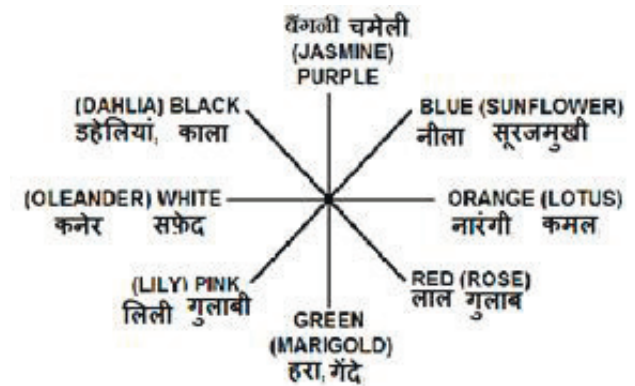
Q.117.(4)



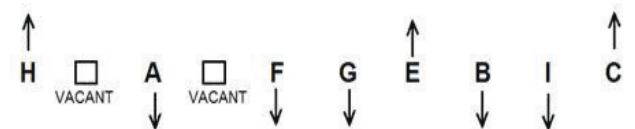
Q.118-122.

PERSON	PLACE	DRINK	COLOUR	GENDER	POSITION
A	CHENNAI/MUMBAI	SHAKE	WHITE	MALE	TRAINER
D	MUMBAI/CHENNAI	CHAI/COFFEE	PINK	FEMALE	TRAINEE
C	PATNA	COLD DRINK	WHITE	MALE	TRAINEE
B	KOLKATA	COLD COFFEE	WHITE	MALE	TRAINEE
E	LUCKNOW	COFFEE/CHAI	PINK	FEMALE	TRAINEE

Q.118.(4) Q.119.(3) Q.120.(1)
 Q.121.(2) Q.122.(2)
 Q.123-127.



Q.123.(4) Q.124.(1) Q.125.(5)
 Q.126.(1) Q.127.(5)
 Q.128-131.



Q.128.(1) Q.129.(5) Q.130.(5)
 Q.131.(3)
 Q.132-136.

Shift	Persons
12:00 AM to 8:00 AM	Preeti, Ram, Sachin
8:00 AM to 4:00 PM	Qamar, Tahir
4:00 PM to 12:00 AM	Sarita, Vartika
Day	Persons
Monday	- Preeti
Tuesday	- Qamar
Wednesday	- Ram
Thursday	- Tahir
Friday	- Vartika
Saturday	- Sachin
Sunday	- Sarita

The wholesale price-based inflation rose marginally to 11.39 per cent in August, mainly due to higher prices of manufactured goods, even as prices of food articles softened.

IBPS CLERK MAINS

Q.132.(2) Q.133.(5) Q.134.(2)

Q.135.(1) Q.136.(3)

Q.137.(2) Assumption II is implicit because it talks of affluence which usually leads to increased consumption.

Q.138.(1) I is strong because that is the purpose of assessment. II is weak because the students are the consumers of the service provided by the

teachers and they are better placed to assess the quality of the product (teaching in this case).

Q.139.(2) With the ever increasing cost of basic materials such as cement and steel, the profit of the builders has gone down by 48% this year.

Q.140.(5) Such policies could save time, money and resources of the organization which are wasted in the conduct of recruitment examinations.

EXPLANATION/ IBPS CLERK MAINS/NUMERICAL ABILITY

Q.141.(3)

$$I: D = \frac{(S_1 \times S_2)}{(S_1 - S_2)} \times \frac{(T_1 + T_2)}{60}$$

D=280 Km

II. Total distance=60×3 + 50×3=330 km

II>I

Q.142.(1) I: =320 days

II:=120 days

I > II

Q.143.(5)

$$I: 16\frac{2}{3}\%$$

$$II: 16\frac{2}{3}\%$$

I = II

Q.144.(3) I: 16 L

II: 20 L

Hence

I<II

Q.145.(1) 5 will come in place of 5.5

The series is -16, -8, -4, -2, -1, -0.5, and so on.

Q.146.(2) 129 will come in place of 128

The series is ×1+2, ×2+3, ×3+4, and so on.

Q.147.(2) 39 will come in place of 40

The series is ×1+1², ×2+2², ×3+3², and so on.

Q.148.(5) 14 will come in place of 16

The series is ×2-2.

Q.149.(4) 157.5 will come in place of 156.5

The series pattern is ×1.5, ×2, ×2.5, ×3, ×3.5, ×4.

Q.150.(4) 35 × 4 + 16 × 2 + 90 × 8 = ?

892 = ?

Q.151.(1) 2370 + 28 - 180 = ?

2218 = ? = 2220

Q.152.(4) 111 + 111 + 111 + 81 = ?

414 = ?

Q.153.(2) 81 × 4 + 120 × 2 - 240 = ?

324 = ?

Q.154.(1) 90/100 × 680 + 130/100 × 450 + 20/100 × 125 = ?

612+585+25=?

1222=?

Q.155.(3) (x-10) = 2/5 (y-10)

(x+10) = 3/5 (y+10)

Solve, x = 26 and y = 50

Diff=50-26=24

Q.156.(1) According to the question,

20 W × 12 = 24 C × 15

2W = 3 C

Now, 30W + 18C = 30W + 12W = 42W

Number of days required =

$$\frac{20 \times 12}{42} = 5\frac{5}{7}$$

Q.157.(2) According to the question,

2x : 2 : : 2 : x

x = $\sqrt{2}$

Area of the smaller rectangle = 2 × $\sqrt{2}$ = 2 $\sqrt{2}$ sq. unit

Q.158.(5)

$$\frac{CP_1}{CP_2} = \frac{125}{140} = \frac{25}{28}$$

$$\text{Required \%} = \frac{3}{25} \times 100\% = 12\%$$

$$140\% \text{ of } CP_1 = 125\% \text{ of } CP_2$$

Q.159.(4) Required probability

$$= \frac{{}^4C_2 \times {}^5C_1}{{}^{12}C_3} = \frac{3}{22}$$

Q.160.(1)

$$\frac{3072}{16} = \text{Rs. 192 (C.I. of first year)}$$

$$192 \times \frac{17}{16} = 204 \text{ (C.I. of second year)}$$

Total C.I. of 2 years

$$= 192 + 204 = 396$$

$$\text{Amount after 2 year} = 3072 + 396 = 3468$$

$$\text{C.I. of 8 months} = 3468 \times \frac{1}{16} \times \frac{8}{12} = 144.5$$

$$\text{Total C.I.} = 396 + 144.5 = 540.5$$

Q.161.(4)

$$(x+15y) - (x+10y) = 1000$$

$$5y = 100 \Rightarrow y = 200$$

$$\frac{x+10y}{10} - \frac{x+15y}{15} = 80$$

$$\frac{x+2000}{10} - \frac{x+3000}{15} = 80$$

$$\frac{3x+6000-2x+6000}{30} = 80, x = 2400$$

$$\text{Required answer} = \frac{2400+20 \times 200}{20} = 320$$

Q.162.(3) Required probability

$$= \frac{5! \times 5!}{9!} = \frac{5}{126}$$

Q.163.(3) Let the C.P. of the book = Rs.x

$$\text{Initial S.P.} = \text{Rs. } \frac{110x}{100} = 1.1x$$

$$\text{New C.P.} = \text{Rs. } 0.96x$$

$$\text{New S.P.} = \text{Rs. } \left(100 + \frac{75}{4}\right)\% \text{ of Rs. } 0.96x$$

$$= \frac{475}{400} \times 0.96x$$

$$1.14x - 1.1x = 6$$

$$0.04x = 6$$

$$x = \frac{6}{0.04} = \text{Rs. } 150$$

Q.164.(3) Cost price of 65 kg of mixture

$$= 35 \times 9.50 + 30 \times 10.50$$

$$= 332.5 + 315$$

$$= \text{Rs. } 647.5$$

$$\text{Required answer} = \frac{647.5}{65} \times \frac{135}{100} = 13.5$$

Q.165.(4) Let total work = 100

$$\text{work done by Ramesh in 60 days} = 75$$

$$\text{Remaining} = 25$$

Suresh does 25 work in 15 days (as he work only for half day)

$$100 : 75 = 4 : 3$$

Q.166.(2) 120 = 10% of the CP (2.5% loss to 7.5% profit)

$$\text{Or CP} = \text{Rs. } 1200$$

$$\text{To gain 12.5\%, SP} = 1200 \times 1.125 = \text{Rs. } 1350$$

$$\text{Rs. } 1350 = 25\% \text{ discounted of Marked Price}$$

$$\text{Or marked Price} = 1350 \div 0.75 = \text{Rs. } 1800$$

Q.167.(3)

$$P(E) = \frac{{}^4C_4}{2^4} = \frac{15}{64}$$

Q.168.(2) Total number of luxury watches sold by stores A, D, E, F and H Together

$$= (18+15+20+8+9) \% \times 56000 - (16+13+22+8+12) \% \times 32000$$

$$= 70\% \times 56000 - 71\% \times 32000$$

$$= 39200 - 22720 = 16480$$

Required average

$$= \frac{1}{5} \times 16480$$

$$= 3296$$

Q.169.(4) In 2005, number of watches (sports and luxury) sold by

$$\text{Store A} = 110\% \times 18\% \times 56000 = 11088$$

$$\text{Store D} = 135\% \times 15\% \times 56000 = 11340$$

$$\text{Store E} = 115\% \times 20\% \times 56000 = 12880$$

In 2005, number of sports watches sold by

$$\text{Store A} = 110\% \times 16\% \times 32000 = 5632$$

$$\text{Store D} = 135\% \times 13\% \times 32000 = 5616$$

$$\text{Store E} = 115\% \times 22\% \times 32000 = 8096$$

Thus, total number of luxury watches sold by stores A, D and E In 2005

$$= (11088 + 11340 + 12880) - (5632 + 5616 + 8096) \\ = 35308 - 19344 = 15964$$

Q.170.(2) Number of watches (sports and luxury watches) sold by store D

$$= 15\% \times 56000 = 8400$$

Number of sports watches sold by stores C, F and G together

$$= (7 + 8 + 6)\% \times 32000$$

$$= 21\% \times 32000$$

$$= 6720$$

Therefore, required percentage

$$= (8400 - 6720) / 6720 \times 100$$

$$= 1680 / 6720 \times 100$$

$$= 25\%$$

Q.171.(1) Total number of sports watches sold by stores A and B together

$$= (16 + 16)\% \times 32000$$

$$= 32\% \times 32000$$

$$= 10240$$

Total number of watches (sports and luxury) sold by stores C and F together

$$= (14 + 8)\% \times 56000$$

$$= 22\% \times 56000$$

$$= 12320$$

Therefore, required ratio

$$= 10240 : 12320$$

$$= 64 : 77$$

Q.172.(4) Total number of luxury watches sold by stores C and H together = Total number of (luxury + sports) watches sold by stores C and H together - Total number of sports watches sold by stores C and H together

$$= (14 + 9)\% \times 56000 - (7 + 12)\% \times 32000$$

$$= 12880 - 6080 = 6800$$

Total number of sport and luxury watches sold by stores F and H together

$$= (8 + 9)\% \times 56000$$

$$= 17\% \times 56000 = 9520$$

required percentage

$$= (9520 - 6800) / 9520 \times 100$$

$$= 2720 / 9520 \times 100$$

$$= 28 \frac{4}{7}\%$$

Q.173.(1) Length of the train = x

Speed of Mahindra car = y

Speed of Hyundai car = z

$$x = 60 \times (5/18) \times 9$$

$$x = 150 \text{ m}$$

$$150 = (60 - y) \times (5/18) \times 36$$

$$y = 45 \text{ km/hrs.}$$

$$150 = (60 + z) \times (5/18) \times 6$$

$$90 = 60 + z$$

$$z = 30 \text{ km/hrs.}$$

$$\text{Time of Mahindra car} = (20/100) \times 60 = 12 \text{ hours}$$

$$\text{Distance covered by Mahindra car} = 12 \times 45 = 540 \text{ km}$$

$$\text{Time taken by Hyundai car} = (20/100) \times 60 = 12 \text{ hours}$$

$$\text{Distance covered by Hyundai car} = 12 \times 30 = 360 \text{ km}$$

$$\text{Required difference} = 540 - 360 = 180 \text{ km}$$

Q.174.(4) Speed of Mahindra car = x

$$\text{Speed of train} = (150/100) \times x = 3x/2$$

$$150/x - 150/(3x/2) = 25/60$$

$$x = 120 \text{ km/hrs.}$$

$$\text{Speed of Toyota car} = (4/6) \times 120 = 80 \text{ km/hrs.}$$

$$\text{Speed of Hyundai car} = (3/6) \times 120 = 60 \text{ km/hrs.}$$

$$\text{Time taken by Mahindra car} = (20/100) \times 60 = 12 \text{ hours}$$

$$\text{Time taken by Toyota car} = (30/100) \times 60 = 18 \text{ hours}$$

$$\text{Time taken by Hyundai car} = (20/100) \times 60 = 12 \text{ hours}$$

$$\text{Distance covered by Mahindra car} = 12 \times 120 = 1440 \text{ km}$$

$$\text{Distance covered by Toyota car} = 18 \times 80 = 1440 \text{ km}$$

$$\text{Distance covered by Hyundai car} = 60 \times 12 = 720 \text{ km}$$

Average distance =

$$(1440+1440+720+450+180)/5 = 846 \text{ km}$$

Q.175.(1) Time taken by Mahindra car = $(20/100) \times 60 = 12$ hours

Time taken by Tata car = $(25/100) \times 60 = 15$ hours

Time taken by Toyota car = $(30/100) \times 60 = 18$ hours

Time taken by Honda car = $(5/100) \times 60 = 3$ hours

Time taken by Hyundai car = $(20/100) \times 60 = 12$ hours

Distance covered by Tata car and Honda car = $450+180 = 630$

Remaining distance = $1350 - 630 = 720$ km

Distance covered by Mahindra car = $(2/6) \times 720 = 240$ km

Distance covered by Toyota car = $(3/6) \times 720 = 360$ km

Distance covered by Hyundai car = $(1/6) \times 720 = 120$ km

Speed of Mahindra car = $240/12 = 20$ km/hrs.

Speed of Tata car = $450/15 = 30$ km/hrs.

Speed of Toyota car = $360/18 = 20$ km/hrs.

Speed of Honda car = $180/3 = 60$ km/hrs.

Speed of Hyundai car = $120/12 = 10$ km/hrs.

Average speed = $(20+30+20+60+10)/5 = 28$ km/hrs.

Q.176.(1) Length of first train = x

Length of second train = y

Speed of Toyota car = s

$$x+260 = 72 \times (5/18) \times 20$$

$$x = 400 - 260$$

$$x = 140 \text{ m}$$

$$140 + y = (72+54) \times (5/18) \times 12$$

$$140 + y = 420$$

$$y = 280 \text{ m}$$

$$280 = (s + 54) \times (5/18) \times 6$$

$$s = 114 \text{ km/hrs.}$$

Time taken by Toyota car = $(30/100) \times 60 = 18$ hours

Distance covered by Toyota car = $18 \times 114 = 2052$ km

Q.177.(3) Time taken by Tata car = $(25/100) \times 60 = 15$ hours

Time taken by Honda car = $(5/100) \times 60 = 3$ hours

Speed of Tata car = $450/15 = 30$ km/hrs.

Speed of Honda car = $180/3 = 60$ km/hrs.

Time taken by Toyota car = $(30/100) \times 60 = 18$ hours

Distance covered by Toyota car = $40 \times 18 = 720$ km

Required percentage = $[(30+60)/720] \times 100 = 12.5\%$

Q.178.(4) Total number of male employees of TATA, HP and CITI Group

$$= 26000 \times (13/100) \times (45/100) + 26000 \times (14/100) \times (75/100) + 26000 \times (8/100) \times (45/100)$$

$$= 1521 + 2730 + 936 = 5187$$

Average number of male employees = $5187/3 = 1729$

Q.179.(5) Total number of employees of Microsoft = $26000 \times (26/100) = 6760$

Total number of employees of Coca-Cola = $26000 \times (18/100) = 4680$

Required % = $(6760/4680) \times 100 = 144.44\% = 144\%$

Q.180.(2) Total number of female employees in Microsoft = $26000 \times (26/100) \times (40/100) = 2704$

Total number of female employees in CITI Group = $26000 \times (8/100) \times (55/100) = 1144$

Total number of female employees in Microsoft and CITI Group = $2704 + 1144 = 3848$

Total male employees in Coca-Cola = $26000 \times (18/100) \times (70/100) = 3276$

Total male employees in Apple = $26000 \times (21/100) \times (65/100) = 3549$

Total male employees in Coca-Cola and Apple = $3276 + 3549 = 6825$

Required % = $[(6825 - 3848) / 6825] \times 100 = 297700 / 6825 = 43.61\% = 44\% \text{ less}$

Q.181.(1) Total number of female employees of Microsoft = $26000 \times (26/100) \times (40/100) = 2704$

Total number of female employees of Apple = $26000 \times (21/100) \times (35/100) = 1911$

IBPS | CLERK MAINS

Total number of female employees of HP = $26000 \times (14/100) \times (25/100) = 910$

Total number of female employees of CITI Group = $26000 \times (8/100) \times (55/100) = 1144$

Total number of female employees of Coca-Cola = $26000 \times (18/100) \times (30/100) = 1404$

Total number of female employees of TATA = $26000 \times (13/100) \times (55/100) = 1859$

Microsoft has the highest number of female employees.

Q.182.(3) Total number of male employees in HP = $26000 \times (14/100) \times (75/100) = 2730$

Total number of female employees in Coca-Cola = $26000 \times (18/100) \times (30/100) = 1404$

Required ratio = 2730: 1404 = 35: 18

Q.183.(4) Ang Pra. Ajeet

4x 2x 3x

3x 4x 3x

6x 4x+5k 3x+5k

now $7x - 6x = 5000 \rightarrow x = 5000$

Ang Pra. Ajeet

20000 10000 15000

15000 20000 15000

30000 25000 20000

65000 55000 50000

Required answer=55000

Q.184.(1) Ang Pra. Ajeet

4x 2x 3x

3x 4x 3x

6x 4x+5k 3x+5k

now $7x - 6x = 5000 \rightarrow x = 5000$

Ang Pra. Ajeet

20000 10000 15000

15000 20000 15000

30000 25000 20000

65000 55000 50000 = 13:11:10

Required answer=11/34

Q.185.(1)

Required answer = $55000 \times \frac{108}{100} \times \frac{108}{100} = 64152$

Q.186.(2) Statements II alone is sufficient to answer the question

Q.187.(5) Statement III is alone sufficient to answer the question.

Q.188.(3) Any one alone is sufficient

Q.189.(5) All three together are not sufficient as ratio is not given

Q.190.(4) All three together are sufficient

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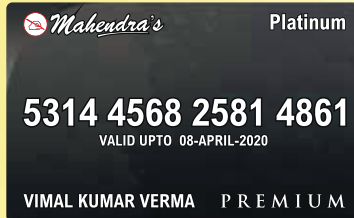
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