

NOV. 2021  
₹40

# Master in Current Affairs

For All Competitive Exams

## MODEL PAPER 2021

- ✓ SBI PO PRE
- ✓ SSC GD CONSTABLE

## NOBEL PRIZE 2021



David Card  
Canada-US  
65

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Israel-US  
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Guido Imbens  
Netherlands-US  
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Philippines-US  
58

## BOLLYWOOD AND DRUGS



## 67th National Film Awards



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❖ Barbados: A New Dawn

# TOP NOTCH CAPTIVATORS OF THE MONTH

1



Arvind Trivedi, King Ravana in Ramanand Sagar's 'Ramayana' has passed away.

Veteran actress Farrukh Jaffer passed away.



2

3



Dame Sandra Mason elected as first president of Barbados.

Dr Randeep Guleria recieved the 22nd Lal Bahadur Shastri National Award for Excellence.



4

5



Dr Rukmini Banerji and Professor Eric A Hanushek awarded with 2021 Yidan Prize.

Dr. Rajiv Nigam becomes recipient of 2022 JA Cushman Award for Excellence.



6

7



Earthshot Prize (Eco Oscars) given to Vidyut Mohan's Takachar.

Bhavani Devi wins fencing competition in France.



8

9



Nobel Prizes 2021 awarded in the fields of Physics, Chemistry, Physiology or Medicine, Literature, and Peace.

67th National Film honours the best in Indian cinema.



10



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## VOL-17 ISSUE -11

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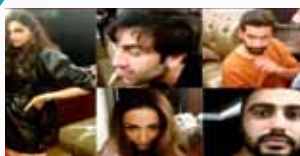
### Barbados: A New Dawn



### 67th National Film Awards



### Bollywood and Drugs



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# Editorial



“There is no deity powerful than time.”

- Maharishi Valmiki

Dear Aspirants,

We feel delighted to present to you the "**November 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:

**67th National Film Awards-** The 67th National Film Awards were announced at a press meet on 22 March 2021 to honour the best Indian films certified in India between Jan 1 and Dec 31, 2019.

**Nobel Prize-** The Nobel Prize is five separate prizes that, according to Alfred Nobel's will of 1895, are awarded to "those who, during the preceding year, have conferred the greatest benefit to humankind." Nobel Prizes are awarded in the fields of Physics, Chemistry, Physiology or Medicine, Literature, and Peace.

**Bollywood and Drugs-** Aryan Khan's arrest in the Mumbai cruise drugs case has brought the spotlight back on Bollywood and its relationship with drugs. From Ranbir Kapoor to Sanjay Dutt, in the past, many celebrities have spoken up about trying drugs and, in some cases, being addicted.

**Barbados: A New Dawn-** Dame Sandra Mason, 72, is set to be sworn in on 30 November, which will mark the country's 55th anniversary of independence from Britain. The first woman to serve on the Barbados Court of Appeals, Dame Sandra has been governor-general since 2018.

In this edition as a wish for your bright and prosperous future we are providing "**SBI PO PRE 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****Radheshyam Bhatpahar****Father's Name :** Mr. Hiradhar Bhatpahar**Mother's Name :** Mrs. Lilabati Bhatpahar**Hobbies :** Watching movies, Listening music and Chatting with friends.**Prior Selection :** None**Name of the Exam :** Bank of India**Roll No. of Qualified Exam :** 2431000502**Roll No. of Mahendra Institute :** SBP2461238636**Radheshyam :****English Language**

I am preparing for the english since 2 years by taking both online & offline exam and by reading newspapers.

**Reasoning Ability & Computer Knowledge**

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

**Numerical Ability**

Faculty of Mahendra's helps me by clearing all doubts related to maths through PSS.

**General Awareness**

By regular news reading, regular class attending and also MICA helps me very much about the practice of GA.

**MICA :** What would you say about "Master in Current Affairs" Magazine (MICA) and Mahendra's Website?

**Radheshyam :** MICA played a very important role in current affairs.

**MICA :** What is the best thing about our coaching institute, according to you?

**Radheshyam :** All faculty are very friendly with students, they understand the situations of students

and helps them to solve out.

**MICA :** What is the role of "Time Management" in one's success?

**Radheshyam :** Time management is very important to crack any exam in time.

**MICA :** How did you prepare for the Interview?

**Radheshyam :** Mahendra's mock interview classes.

**MICA :** Tell us about the Interview Board and the questions asked?

**Radheshyam :** There were 5 members in the panel.

**The questions asked were:**

- I.** Who introduced financial inclusion?
- II.** What is BSBDA?
- III.** How business correspondents help the Bank?
- IV.** Why Banking?
- V.** What you think your score will be?

**MICA :** From whom did you get information of your selection and what was your reaction?

**Radheshyam :** I checked the result myself and the news was a happiest news in my life.

**MICA :** What message do you want to convey to other aspirants?

**Radheshyam :** Keep calm and don't give up. Patience is very important. Keep practicing you will definitely get the job.

**MICA :** Congratulations! once again on your success. Your success is our success.

**Radheshyam :** Thank You!

**MICA :** Mahendra's family expresses its heartfelt congratulations on your success.

**Radheshyam :** Thank You!

**MICA :** To whom do you want to give the credit of your selection?

**Radheshyam :** The credit of my selection goes to my parents, faculty of Mahendra's and also to my friends.

**MICA :** After how many attempts did you succeed in this examination?

**Radheshyam :** It was my 1st attempt.

**MICA :** What is the role of Mahendra's institute in your selection?

**Radheshyam :** Mahendra's faculty was major mentor to clear my concepts of each topic.

**MICA :** How did you prepare for the examination?

# ONE Liner

## PERSONS IN NEWS

- ✍ Who has unanimously elected as the chairman of the Pakistan Cricket Board (PCB) for a three-year term?  
- **Ramiz Raja**
- ✍ Who has resigned Finance Chief Executive Officer of Srei Infrastructure?  
- **Rakesh Bhutoria**
- ✍ Who has been featured on Time Magazine's 100 most influential people on the 2021 list?  
- **Narendra Modi**
- ✍ Adani Transmission's Board of Directors approved appointment of whom as a new Chief Financial Officer?  
- **Rohit Soni**
- ✍ Narendra Giri has been passed, he was associated which profession?  
- **Mahant**
- ✍ Neeraj Chopra has been appointed as the brand ambassador of which companies?  
- **Tata AIA Life Insurance**
- ✍ Recently "Manorama Mohapatra" has been passed away, she was associated which Profession?  
- **Litterateur**
- ✍ Recently Buddhadeb Guha has been passed away, he was associated with which profession?  
- **Author**
- ✍ Recently Chandan Mitra has been passed away, he was associated with which profession?  
- **Journalist**
- ✍ Recently Oscar Fernandes has been passed away, he was associated with which political party?  
- **Indian National Congress**
- ✍ Recently who has been appointed as a new Chief Minister of Punjab?  
- **Charanjit Singh Channi**
- ✍ Recently Y S Dadwal has been passed away, he was Police Commissioner which State/UT?  
- **Delhi**
- ✍ Which organisation has announced the appointment of Mr. Giuliano Perfetti as Chief Executive Officer?  
- **Jubilant Biosys Ltd**

- ✍ Who has appointed as a Chief Minister of Gujarat?  
- **Bhupendra Patel**
- ✍ Who has won the Silver medal in men's discus throw at Paralympics Games 2021 in Tokyo?  
- **Yogesh Kathuniya**

## AWARDS

- ✍ Education Minister Dharmendra Pradhan has conferred how many AICTE- "Visvesvaraya Best Teacher Award"?  
- **17**
- ✍ How many beaches in India has been awarded prestigious "Blue Flag" tag?  
- **10**
- ✍ How many people have been included "Ramon Magsaysay Award" 2021?  
- **5**
- ✍ India's biggest Tech Fest "Tech Invent-2021" kicks off at which University?  
- **Chandigarh University**
- ✍ Sonalika Krishi Samman Awards 2021 has been honoured to whom?  
- **Farmers**
- ✍ The highest and the most prestigious "Rajbhasha Keerthi Puraskar" award has presented to which organisation?  
- **National Mineral Development Ltd.**
- ✍ Who has wins best music director award at "Imagine India Film Festival" 2021 in Spain?  
- **Debojyoti Mishra**
- ✍ Who has conferred "National Florence Nightingale Award" 2020?  
- **S V Saraswati**

## SCHEMES AND LAUNCHES

- ✍ Who has been launched programme "Bujurgon ki Baat-Desh Ke Saath"?  
- **G Kishan Reddy**
- ✍ How much loans has been given under "Kisan Credit Card" upto September 2021?  
- **Rs 14 lakh crore**
- ✍ KVIC has set up in which State First "Silk Yarn Production Centre" to Boost Local Silk Industry & Create Employment?  
- **Odisha**

- ✎ Home Minister inaugurates Web Portal for registrations of units under "New Central Sector Scheme" 2021 for which State/Union Territory? - **Jammu and Kashmir**
- ✎ How many Districts across the country has covered under "Swachh Survekshan Grameen", 2021? - **698 Districts**
- ✎ How much amount the Union Government has approved for "Production Linked Incentive" (PLI) scheme for auto, auto-components and drone industries? - **Rs 26,058 crore**
- ✎ PM Modi has been released how much amount of Commemorative coin on Iskcon founder Swami Prabhupada? - **Rs 125**
- ✎ SUKoon, a 24x7 Mental Health Helpline has been inaugurated in which of the following State/UT? - **Jammu and Kashmir**
- ✎ Who has launched "Rail Kaushal Vikas Yojana"? - **Railways**
- ✎ Which State has launched "Go To Hills 2.0" outreach campaign to provide welfare scheme benefits at doorstep? - **Manipur**
- ✎ Which organization has decided to train 50,000 youths under an RKVY scheme? - **Ministry of Railways**
- ✎ Who has inaugurated Emergency Landing Field on National Highway in Barmer in Rajasthan? - **Rajnath Singh**
- ✎ Which State Government has launched "Business Blasters" program in schools? - **Delhi**
- ✎ Petroleum Minister Hardeep Singh Puri has participated in 6th "Eastern Economic Forum" Summit in which country? - **Russia**
- ✎ Prime Minister has lay foundation stone of Raja Mahendra Pratap Singh State University in which city? - **Aligarh**
- ✎ Recently the Government has extends deadline for filing income tax returns to which date? - **31-Dec-21**
- ✎ Which State government has banned online gambling? - **Karnataka**
- ✎ Who has performed Lokarpan of Sardardham Bhavan & Bhoomi Pujan of Sardardham Phase – II Kanya Chhatralaya? - **Narendra Modi**
- ✎ Two-day conference of Tourism & Culture Ministers of North Eastern states begins in which city? - **Guwahati**
- ✎ Which organisation has launched report on "Reforms in Urban Planning Capacity in India"? - **NITI Aayog**

## NATIONAL & STATE

- ✎ President Ramnath Kovind has presented President's Colour to Indian Naval Aviation to which Indian Naval Ship? - **INS Hansa**
- ✎ 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? - **Social Justice Day**
- ✎ Which State has launched the "Air gun Surrender Abhiyan"? - **Arunachal Pradesh**
- ✎ Who has addressed inaugural conclave of "Shikshak Parv"? - **Narendra Modi**
- ✎ CBDT extends deadline for payment of amount under "Vivad Se Vishwas Act" till which date? - **30-Sep-21**
- ✎ Recently the Baby Rani Maurya has resigned from the post of governor which State? - **Uttarakhand**
- ✎ Under the leadership of whom the Government has constituted a "Expert Committee" to Prepare Road Map for Coal based Hydrogen Production? - **R.K. Malhotra**
- ✎ Who has inaugurated two-day Capacity Building Workshop for Ladakh officials in Leh? - **Dr Jitendra Singh**
- ✎ Who has Inaugurating the Defence Offices Complexes at Kasturba Gandhi Marg and Africa Avenue in New Delhi? - **Narendra Modi**
- ✎ Who has laid the foundation stone of UP National Law University? - **Ram Nath Kovind**
- ✎ 45th meeting of GST council has held in which city? - **Lucknow**
- ✎ Recently 'Jungle Nama' released as audiobook which has written by whom? - **Amitav Ghosh**
- ✎ What is the new FDI limit approved by the Union Cabinet in the Telecom sector? - **100%**
- ✎ Who has released FSSAI's 3rd "State Food Safety Index" 2021? - **Mansukh Mandaviya**
- ✎ Recently NTPC committed towards improving power supply in which State? - **Bihar**
- ✎ What is the rank of New Delhi in the "Safe Cities Index" 2021? - **48th**

The skies over Srinagar roared with fighter jets and Chinook helicopters exhibiting adrenaline-pumping manoeuvres at an air show conducted after 14 years.

# CURRENT AFFAIRS | One Liner

## INTERNATIONAL

- ✎ Recently military coup was happened in which country? - **Guinea**
- ✎ ADB clears USD 150 mn loan for urban poor housing project in which State? - **Tamil Nadu**
- ✎ How many Indian entries has been selected for United Nations World Tourism Organization (UNWTO)'s "Best Tourism Village"? - **3**
- ✎ Who has addressed annual meeting of Romanian Diplomacy? - **Dr. S Jaishankar**
- ✎ Who has chaired 13th "BRICS Summit" 2021? - **Narendra Modi**
- ✎ 21st Meeting of "SCO Council of Heads of State" held in which country? - **Tajikistan**
- ✎ G-20 Health Ministers Meeting 2021 hosted by which country? - **Italy**
- ✎ India will provide a "stay visa" to the nationals of which country? - **Afghanistan**
- ✎ Indian navy has conducted the first exercise with which country? - **Algerian**
- ✎ Minister of State for External Affairs signed agreement on labour mobility, facilitating recruitment of Indian citizens to work in which country? - **Portugal**
- ✎ Recently External Affairs Minister Dr. S. Jaishankar has on a 4-day visit to which country? - **Slovenia, Croatia and Denmark**
- ✎ Recently with which country India have reaffirm commitment towards free, open & inclusive Indo-Pacific region? - **Japan**
- ✎ The President of which country has declared a food emergency due to the foreign exchange crisis? - **Sri Lanka**
- ✎ Which country fine Google \$177M for forcing software on devices? - **South Korea's**
- ✎ Who has family receive Golden Visa for UAE? - **Boney Kapoor**
- ✎ Who has attended in the 15th "East Asia Summit Energy Ministers Meeting" 2021 from India? - **Krishan Pal Gurjar**
- ✎ How many Indian institutions have figured in the top 500 universities in "QS Graduate Employability Ranking" 2022? - **12**
- ✎ What is the rank of India in "Global Innovation Index"-2021? - **46th**

- ✎ Who has Chaired "UN Security Council meeting" 2021 for the on August month of the situation in the Middle East and the Palestinian question? - **Harsh Vardhan Shringla**
- ✎ Which country hosted 8th meeting of agriculture experts of BIMSTEC countries? - **India**

## FINANCIAL AWARENESS

- ✎ According to Euromoney which bank has honoured as "World's Best Bank" 2021 for fourth straight year? - **DBS Bank**
- ✎ How much amount has ADB signed loan to expand rural connectivity in Maharashtra? - **300 mn dollar**
- ✎ How much amount has been transferred to bank accounts of pregnant and lactating women under PMMVY? - **8,800 crore rupees**
- ✎ How much the JSW Steel's crude Steel production in August 2021? - **13.77 lakh tonnes**
- ✎ PMC Bank depositors to get up to Rs 5 lakh back from which date? - **30-Nov-21**
- ✎ Which bank has been fined 25 lakhs by the Reserve Bank of India (RBI) for laxity in complying with KYC norms? - **Axis Bank**
- ✎ Which bank has introduced real-time digital cross-border incoming payment tracking for all corporate and SME clients? - **DBS Bank**
- ✎ Who has become as a brand ambassador of Piramal Realty, the real estate arm of the Piramal Group? - **Rahul Dravid**
- ✎ How much per cent the wholesale price-based inflation rose marginally in August 2021? - **11.39 per cent**
- ✎ India with which country has announced linking of UPI and PayNow fast payment systems? - **Singapore**
- ✎ Recently India signed contract with Airbus Defence & Space company of with which country for acquisition of 56 C-295MW transport aircraft? - **Spain**
- ✎ Which company launched electric scooter "Freedom", priced at Rs 69,900? - **Okaya Group**
- ✎ RBI, Finance Department conducted training workshops on "e-Kuber payment system" in which State? - **Jammu and Kashmir**
- ✎ Recently how much of per cent ADB has been scales down India's economic growth forecast? - **10 per cent**



## SPORTS

- ✎ Who 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? - **Jasprit Bumrah**
- ✎ 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? - **Lucknow**
- ✎ How many medals have been won by India at the Tokyo Paralympics 2020? - **19**
- ✎ Which player's foundation has been set up 50 CCU beds at government hospital in Srinagar? - **Yuvraj Singh**
- ✎ Which player has won the US Open 2021 men's singles title? - **Daniil Medvedev**
- ✎ Who has been named as the mentor of the Indian cricket Men's team for the ICC T20 World Cup 2021? - **M.S. Dhoni**
- ✎ Sinhraj Adhana has won bronze medal in Tokyo Paralympics 2020, he is associated which sport? - **Shooting**
- ✎ Sumit Antil has won gold medal in Tokyo Paralympics 2020, he is associated which sport? - **Javelin throw**

## SCIENCE AND TECHNOLOGY

- ✎ Who has dedicated first functional Smog Tower of India, situated at Anand Vihar in New Delhi? - **Bhupender Yadav**
- ✎ Who was conferred the "Sarabhai Teacher Scientist National Honorary Award 2021"? - **Anand Kumar**
- ✎ Which IIT has topped the Rankings in the overall category in National Institutional Ranking Framework? - **IIT Bombay**
- ✎ Which has developed a new Application programming interface called "Know Your Customer's or Client's Vaccination Status"? - **Co-WIN**
- ✎ Recently Volcano erupted in "La Palma Island", this Island is located in which Ocean? - **Atlantic Ocean**
- ✎ Who has Launched NCAP Portal, "PRANA" (Portal for Regulation of Air-Pollution in Non-Attainment Cities)? - **Bhupendar Yadav**

- ✎ Recently which country has tested new long-range cruise missiles? - **North Korea**
- ✎ Which country has faced one of its worst cholera outbreaks in years? - **Nigeria**
- ✎ Who has launched the "Planetarium Innovation Challenge" for Indian start-ups and tech entrepreneurs? - **MyGov India**
- ✎ India's 61st "Software Technology Park of India" (STPI) centre has been inaugurated in which State? - **Nagaland**
- ✎ Uttar Pradesh Government has set up "Electronic Park" in which city? - **Noida**

## MISCELLANEOUS

- ✎ Which nation's first-ever batch of female soldiers has graduated? - **Saudi Arabia**
- ✎ On which Date "Hindi Diwas" being celebrated across country? - **14-Sep**
- ✎ International Day of Sign Languages has been celebrated which date? - **23-Sep**
- ✎ International Talk Like a Pirate Day has celebrated which date? - **19-Sep**
- ✎ National Sports Day has celebrated which date? - **29-Aug**
- ✎ The International Day of Peace has been celebrated which date? - **21-Sep**
- ✎ Which date the "International Day of Democracy" has been celebrated? - **15-Sep**
- ✎ Which date the "World Ozone Day" has celebrated? - **16-Sep**
- ✎ On which date the "Engineers Day" has been celebrated in India? - **15-Sep**
- ✎ Which political party nominated Kanimozhi Somu & KRN Rajesh Kumar for Rajya Sabha? - **DMK**
- ✎ World Coconut Day has been celebrated on which date? - **2-Sep**
- ✎ World Patient Day has been celebrated on which date? - **17th September**
- ✎ World Rhino Day is celebrated on which date? - **22-Sep**
- ✎ World Rose Day has been celebrated on which date? - **22-Sep**
- ✎ World Suicide Prevention Day has been celebrated which of date? - **10-Sep**

Prime Minister Narendra Modi launched the Ayushman Bharat Digital Mission to provide a digital health ID to people which will contain their health records.

# SPOTLIGHT | ALL THAT MATTERS

## ABBREVIATIONS

**IREDA:** Indian Renewable Energy Development Agency Ltd.  
**NVVN :** NTPC Vidyut Vyapar Nigam Ltd  
**OMO :** Open Market Operations  
**G-SAP :** G-Sec Acquisition Programme  
**NSDL :** National Securities Depositories Ltd  
**CDSL :** Central Securities Depositories Ltd  
**IPPB :** India Post Payments Bank  
**NDB :** New Development Bank  
**BRICS:** Brazil, Russia, India, China and South Africa  
**GVA :** Gross Value Added

## IMPORTANT DAYS AND DATES

<b>05 November</b>	World Radiography day
<b>7 November</b>	World Cancer Awareness Day
<b>14 November</b>	Children's Day in India
<b>17 November</b>	World Student day
<b>19 November</b>	World Citizen day
<b>20 November</b>	Universal children day
<b>21 November</b>	World Television day
<b>25 November</b>	World Non-veg day
<b>26 November</b>	Law Day
<b>30 November</b>	Flag day

## ECONOMIC GLOSSARY

### False Economy

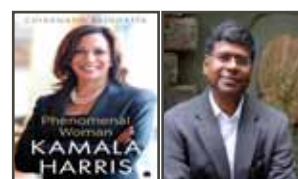
*In economics, a false economy is an action that saves money at the beginning but which, over a longer period of time, results in more money being spent or wasted than being saved. For example, it may be false economy if a city government decided to purchase the cheapest automobiles for use by city workers to save money; however, if cheap automobiles have a record of needing more frequent repairs, the additional repair costs would eradicate any initial savings.*

*Motivating factors on the part of the party engaging in a false economy may be linked to the long-term involvement of this party. For example, a real estate developer who builds a condominium may turn the finished structure over to the ensuing condominium corporation which is run by its members once the last unit is sold and the building has passed a final inspection. Longevity of the components of the structure beyond the final turnover of the facility may not be a major motivating factor for the developer, meaning that the result of the application of false economies may be more detrimental to the end user, as opposed to the developer.*

*Individuals may also practise false economy in their personal lives. A notable practitioner of false economy was King Frederick William I of Prussia, who was said by Thomas Macaulay to have saved five or six reichsthalers a year by feeding his family unwholesome cabbages even though the poor diet sickened his children and the resulting medical care cost him many times what he saved.*

## BOOKS & AUTHORS

### 01 | KAMALA HARRIS: PHENOMENAL WOMAN



:- Chidanand Rajghatta



:- Ruskin Bond

### WRITING FOR MY LIFE | 02

### 03 | VEER SAVARKAR: THE MAN WHO COULD HAVE PREVENTED PARTITION



:- Uday Mahurkar and Chirayu Pandit



:- Rajnish Kumar

### THE CUSTODIAN OF TRUST | 04

### 05 | ECONOMIST GANDHI



:- Jaithirth Rao

## Justice Akil Kureshi

Rajasthan Governor Kalraj Mishra administered oath to Justice Akil Kureshi as the new Chief Justice of Rajasthan High Court. The swearing-in ceremony was held at Raj Bhavan, Jaipur.

Justice Kureshi, who took the oath in English, was the Chief Justice of Tripura High Court before being transferred to Rajasthan in place of Justice Indrajit Mahanty, who has been posted as the Chief Justice of Tripura High Court.

Chief Minister Ashok Gehlot and others were present on the occasion.

Justice Akil Abdulhamid Kureshi is an Indian judge. Presently, he is Chief Justice of Rajasthan High Court. He is former Chief Justice of Tripura High Court and Judge of Bombay High Court and Gujarat High Court, of which he has also served as an Acting Chief Justice.

Rajasthan is a state in northern India. It covers 342,239 square kilometres or 10.4 percent of India's total geographical area. It is the largest Indian state by area and the seventh largest by population. It is on India's northwestern side, where it comprises most of the wide and inhospitable Thar Desert (also known as the Great Indian Desert) and shares a border with the Pakistani provinces of Punjab to the northwest and Sindh to the west, along the Sutlej-Indus River valley. It is bordered by five other Indian states: Punjab to the north; Haryana and Uttar Pradesh to the northeast; Madhya Pradesh to the southeast; and Gujarat to the southwest.

**Established:** 30 March 1949

**Capital:** Jaipur

**Governor:** Kalraj Mishra

**Chief Minister:** Ashok Gehlot (INC)

**Legislature:** Unicameral (200 seats)

**Parliamentary constituency**

**Rajya Sabha:** (10 seats)

**Lok Sabha:** (25 seats)

**Dance:** Ghoomar

**Mammal:** Camel and Chinkara

**Bird:** Godawan

**Flower:** Rohida

**Tree:** Khejri



## APPOINTMENTS | THE PEOPLE

### Dame Sandra Mason

The island of Barbados is in the midst of great change. As the country continues to transition into a republic, the nation has elected a woman as its very first president.

Dame Sandra Mason was elected after securing two-thirds of the votes in the country's two houses of Parliament, the government announced.

Barbados announced in September 2020 that it would become a republic, a process that involves removing Queen Elizabeth as the island nation's head of state.

"The time has come to fully leave our colonial past behind," Mason said in a speech delivered that month on behalf of Prime Minister Mia Mottley, according to Reuters. She added, "Barbadians want a Barbadian head of state. This is the ultimate statement of confidence in who we are and what we are capable of achieving."

Officials said last year that their goal was to complete the process of becoming a republic ahead of the 55th anniversary of that important date, making good on a goal that's been decades in the making.

Prime Minister Mottley described Mason's election on Wednesday as a "seminal moment" on the road toward becoming a republic, according to the Government Information Service statement.

"The time has come for us to express the full confidence in ourselves as a people, and to believe that it is possible for one born of this nation to sign off finally and completely," she said.

#### About the Barbados:

With a population of about 285,000, Barbados is one of the more populous and prosperous Caribbean islands. Once heavily dependent on sugar exports, its economy has diversified into tourism and finance.

Barbados will not be the first former British colony in the Caribbean to become a republic. Guyana took that step in 1970, less than four years after gaining independence from Britain. Trinidad and Tobago followed suit in 1976 and Dominica in 1978.

#### Important takeaways for all competitive exams:

**Prime Minister of Barbados:** Mia Mottley

**Barbados Capital:** Bridgetown

**Barbados Currency:** Barbados Dollar

**Barbados Continent:** North America





## THE PEOPLE | APPOINTMENTS

### A Balasubramanian

**A** Balasubramanian, the managing director and chief executive officer of Aditya Birla Sunlife Mutual Funds, was on October 18 elected as the chairman of the Association of Mutual Funds in India (AMFI).

Balasubramanian "has earlier served as the AMFI chairman for the period of 2017-2019 and now would continue to hold the office till the conclusion of the next AGM", AMFI said in a press release.

Radhika Gupta, the MD and CEO of Edelweiss AMC, has been appointed as AMFI's vice chair, it added.

Balasubramanian and Gupta were currently serving as chairpersons of AMFI's Valuation Committee and ETF Committee, respectively.

The outgoing chairman of AMFI was Nilesh Shah, the managing director of Kotak Asset Management Company. Saurabh Nanavati, the chief executive officer of Invesco Asset Management (India) Pvt Ltd, was serving as the incumbent vice chairperson.

Shah has now been appointed as chief of the AMFI's Valuation Committee.

Balasubramanian, apart from being elected as the AMFI chairman, has also been appointed as the ex-officio chairman of AMFI's Financial Literacy Committee.

Gupta, along with being elected as the vice-chair, has also been re-elected as chairperson of AMFI ETF Committee.

Sanjay Sapre, president of Franklin Templeton Asset Management (India), has been re-elected as the chairman of AMFI Operations & Compliance Committee.

Vishal Kapoor, chief executive officer of IDFC Asset Management Co Ltd, has been elected as the chairman of AMFI Standing Committee of Certified Distributors (ARN Committee).

AMFI, founded in 1995, is a nodal association of mutual funds across India. The 44-member organisation provides key insights regarding mutual funds and investments, and aims to improve the MF sector in India by focusing on ethical and professional standards.

### A K Goel

**T**he Indian Banks' Association (IBA) elected UCO Bank Managing Director A K Goel as its chairman. Goel replaces Union Bank Managing Director and CEO Rajkiran Rai G as head of the banking sector association.



The managing committee at its meeting held on October 14 elected new chairman and other office bearers for 2021-22, IBA said in a statement.

Goel has been recommended for the post of the managing director of Punjab National Bank (PNB) by the Banks Board Bureau, last month. He would assume charge of PNB after clearance from the Appointments Committee of the Cabinet (ACC) headed by the Prime Minister.

The Association elected SBI Chairman Dinesh Kumar Khara, Canara Bank MD L V Prabhakar and IDBI Bank MD Rakesh Sharma as deputy chairmen, it said. Madhav Nair, country head of Mashreqbank PSC, was elected as honorary secretary, it said.

Indian Banks' Association (IBA), formed on (26 September 1946) as a representative body of management of banking in India operating in India - an association of Indian banks and financial institutions based in Mumbai. With an initial membership representing 22 banks in India in 1946, IBA currently represents 247 banking companies operating in India. IBA was formed for development, coordination and strengthening of Indian banking, and assist the member banks in various ways including implementation of new systems and adoption of standards among the members.

Indian Banks' Association is managed by a managing committee, and the current managing committee consists of one chairman, 3 deputy chairmen, 1 honorary secretary and 26 members.



### Meera Mohanty and Ritesh Chauhan



**S**enior bureaucrats Meera Mohanty and Ritesh Chauhan have been appointed as the joint secretary in the Prime Minister's Office (PMO) and the chief executive officer of the Pradhan Mantri Fasal Bima Yojana respectively as part of a bureaucratic reshuffle effected by the Centre. Mohanty, a 2005-batch IAS officer of the Himachal



Pradesh cadre, is currently serving as the director in the PMO.

She has been appointed as the Joint Secretary, PMO for a combined tenure up to May 1, 2022 by temporarily upgrading the post of director held by the officer, a order issued by the personnel ministry said.

Her cadre and batchmate Chauhan will be the CEO, Pradhan Mantri Fasal Bima Yojana and Joint Secretary, Agriculture under the Department of Agriculture and Farmers' Welfare for a combined tenure of seven years up to September 22, 2023, it said.

Uma Nanduri, a 1993-batch Indian Forest Service (IFoS) officer of the Odisha cadre, will be the joint secretary in the Azadi Ka Amrit Mahotsav secretariat under the Ministry of Culture, the order said.

Vipul Bansal will be the joint secretary in the Department of Commerce and Ashish Kumar has been appointed as Joint Secretary, Ministry of Home Affairs.

Pawan Kumar Sain has been appointed as Joint Secretary, Economic Advisory Council to Prime Minister, Niti Aayog.

Amitesh Kumar Sinha will be Joint Secretary, Ministry of Electronics and Information Technology, Sameer Shukla, Joint Secretary, Department of Financial Services, Saumya Gupta, Joint Secretary, Department of Higher Education, Harish Chandra Chaudhary, Joint Secretary, NHRC and Kuldeep Narayan will be Joint Secretary, Ministry of Housing and Urban Affairs.

Vandana Kumar has been named as Joint Secretary, Ministry of New and Renewable Energy and N Yuvaraj will be Joint Secretary, Department of Pharmaceuticals.

### Sajjan Jindal

World Steel Association (WSA) has elected Sajjan Jindal, Chairman and Managing Director of JSW Steel Ltd, as Chairman for the year 2021-22.

Jindal is the first representative from India to serve as Chairman of the WSA. JSW Steel is the flagship business of the diversified \$13 billion JSW Group and engaged in the manufacturing of iron and steel products in India and across the globe.

Worldsteel acts as the focal point for the steel industry, providing global leadership on all major strategic issues impacting the industry, particularly focusing on economic, environmental and social sustainability.

Worldsteel members represent approximately 85% of the world's steel production, including more than 160 steel



producers, national and regional steel industry associations and steel research institutes. Established in 1967, it is one of the largest industry representations in the world, and is headquartered in Brussels, Belgium.

Sajjan Jindal, Chairman and Managing Director, JSW Steel said, "The next few years look to be interesting for the global steel industry. Governments and policy makers have come to realize that in order to rebuild their economies, they need to increase their spending on infrastructure. As we contribute to the progress of society, we also need to build a better and cleaner future by working towards decarbonizing steel production. We, as an industry, have a responsibility to shape the future in a meaningful and impactful manner."

JSW Group's flagship JSW Steel is India's leading and one of the world's most efficient integrated steelmakers. The company is executing expansion projects to reach a steelmaking capacity of 37.5 MTPA by FY2025, including 1.5 MTPA capacity in the USA and entities under joint control, from 18 MTPA as of FY2021.

JSW Steel is also investing in R&D for sustainable products and controlling emissions, improving resource consumption, making processes efficient, and ensuring multi-pronged digital focus, helping improve existing practices.

### Amit Khare

Former secretary (HRD), information and broadcasting (I&B), Amit Khare, an IAS officer of the 1985 batch, was appointed as the advisor to Prime Minister Narendra Modi. Khare retired as the secretary (higher education) on September 30.

"The Appointments Committee of the Cabinet has approved the appointment Shri Amit Khare, IAS (Retd.) (JH:1985) as Advisor to the Prime Minister in Prime Minister's Office, in the rank and scale of Secretary to Government of India, on contract basis, as per other usual terms and conditions as are applicable in the case of reemployed officers of Secretary level in Government of India, initially for a period of two years of until further orders, whichever is earlier," an order said.

A highly competent and no-nonsense professional bureaucrat, Amit Khare not only shepherded the National Education Policy 2020 under the direction of PM Modi but was also instrumental in bringing key changes in the I and B ministry regarding digital media regulations.



## THE PEOPLE | APPOINTMENTS

He joins the Prime Minister's Office after ex-cabinet secretary PK Sinha and ex-secretary Amarjeet Sinha left the PMO as advisors this year. Khare's competence lies in taking clear cut decisions with utmost transparency. He was one of the few secretaries under PM Modi who had at one time headed the higher education and schools department within HRD as well as the full I and B ministry.

### B C Patnaik

**B**C Patnaik has been elevated to the rank of Managing Director of LIC of India (October 1, 2021). Patnaik, born in 1963, joined LIC of India in March 1986 as a Direct Recruit Officer.

He holds a Master's Degree and is a Fellow of Insurance Institute of India. Prior to taking charge as MD of LIC, Patnaik was Secretary General, Council for Insurance Ombudsmen, (CIO) Mumbai.



In a career span of over three decades in the Corporation, Patnaik has occupied important positions and made his mark in the areas of Marketing, New Business, Personnel, Pension and Group Savings and Customer Relationship Management.

Life Insurance Corporation of India is an Indian statutory insurance and investment corporation. It is under the ownership of Ministry of Finance, Government of India.

The Life insurance Corporation of India was established on 1 September 1956, when the Parliament of India passed the Life Insurance of India Act that nationalized the insurance industry in India. Over 245 insurance companies and provident societies were merged to create the state-owned Life Insurance Corporation of India.

As of 2019, Life Insurance Corporation of India had total life fund of ₹28.3 trillion. The total value of sold policies in the year 2018–19 is ₹21.4 million. Life Insurance Corporation of India settled 26 million claims in 2018–19. It has 290 million policy holders.

The Oriental Life Insurance Company, the first company in India offering life insurance coverage, was established in Kolkata in 1818. Its primary target market was the Europeans based in India, and it charged Indians hefty premiums. Surendranath Tagore had founded Hindustan Insurance Society, which later became Life Insurance Corporation.

### Amish Mehta

**A**mish Mehta will take over as the Managing Director and Chief Executive Officer of CRISIL. Mehta's

appointment will be effective from October 1, 2021. The veteran will take over from Ashu Suyash, who has decided to set up her own venture.

After taking over the reigns as the MD and CEO of CRISIL, Mehta will be tasked with steering the company's Indian and global businesses and their efforts to deliver analytics, opinions and solutions to investors, corporations, financial institutions, policymakers and governments.

"I feel very excited to lead this outstanding global organisation in its next phase of growth. CRISIL's mission of making markets function better will continue to be central to our strategy. Our commitment to sustainability and analytical excellence will remain the core guiding principles as we explore new growth opportunities in benchmarks, analytics and insights," said Mehta on his appointment.

He also mentioned that his aim will be to leverage CRISIL's customer relationships, domain expertise and talent pool via continued investments in data while stating that he will work closely with all stakeholders to create value. Mehta joined CRISIL as President and Chief Financial Officer (CFO) in October 2014.

A Chartered Accountant by profession, Amish Mehta was appointed as CRISIL's President and COO in July 2017 and was responsible for the Global Analytical Center, India Research and SME, Global Innovation and Excellence (GIX) Hub and Corporate Strategy.

As the COO, he has led CRISIL's acquisitions and change agenda while charting a growth path for the businesses managed. Mehta has also held leadership positions at BP/Castrol India, EY, Indus Towers and ExxonMobil India.

### E.R. Sheikh

**E**.R. Sheikh assumed charge as first Director General of the Ordnance Directorate (Co-ordination and Services). It is the successor organization of Ordnance Factory Board (OFB).

An Indian Ordnance Factory Service (IOFS) officer of the 1984 batch, he has been a spearhead of modernization. In particular, he has contributed to the establishment of the modern production line system for the manufacture of small arms ammunition at the Ordnance



Factory Varangaon. As Deputy Director General (DDG)-Propellants and Explosives, he oversaw several plant modernisation projects in explosive factories that led to enhancement in productivity, quality and safety. He also led the successful indigenous development of Bi-Modular Charge System (BMCS) for artillery ammunition.

E.R. Sheik a graduate of IIT Kanpur, he has served in various Ordnance Factories. He was General Manager of the Ordnance Factory, Itarsi earlier. He has also served as a member of various Defence Delegations to foreign countries as a representative of the OFB and the Ministry of

Defence. He is also the recipient of the Ayudh Ratna Award, 2020, conferred on him in recognition of his exemplary services to the organisation.

Ordnance Factory Board, consisting of the Indian Ordnance Factories, now known as Directorate of Ordnance was an organisation, under the Department of Defence Production of Ministry of Defence, Government of India. The 41 Indian Ordnance Factories have been converted into 7 Defence Public Sector Undertakings.

**Headquarters:** Kolkata

**Founded:** 1712

## AWARDS

### Lal Bahadur Shastri National Award

Vice President M Venkaiah Naidu presented the 22nd Lal Bahadur Shastri National Award for Excellence to Dr Randeep Guleria, Director, All India Institute of Medical Sciences (AIIMS).



Paying tributes to former Prime Minister Lal Bahadur Shastri at a function held at his residence, the Vice President said that he has exemplary standards of morality set by him in public life.

The Vice President said that Shastri took accountability for his actions, which is a very rare quality in public life. In this context, the Vice President stressed the need to maintain transparency and accountability in public life. The Vice President congratulated Dr Guleria on being conferred with the prestigious award. He said that Dr Guleria's stellar role in creating awareness about the pandemic in the recent past has not only been reassuring to the people, but it has also quelled the panic of every person who has told him about various Corona related issues. Aspects talked about, seen or heard on many forums. The Vice President also praised other frontline warriors including doctors and nurses, technicians, security personnel, farmers and sanitation workers across the country for doing selfless service during the pandemic.

Randeep Guleria is an Indian pulmonologist and the current director of the All India Institute of Medical Sciences, New Delhi, credited with the establishment of India's first centre for pulmonary medicines and sleep disorders at AIIMS. He was honoured by the Government of India in 2015 with Padma Shri, the fourth highest Indian civilian award. He is a part of India's COVID-19 response effort.

Guleria is co-author of book Till We Win: India's Fight Against The COVID-19 Pandemic, with Chandrakant Lahariya, a leading Indian public policy and health system expert and Gagandeep Kang of Christian Medical College, Vellore.

### Champions of Change Award

Ms. Sarita Singh, the Managing Trustee of Priyadarshani Group of Schools, has been awarded the Champions of Change Award by the Interactive Forum of Indian Economy (IFIE), a non-profit organization



recognized by Govt. of India, for her outstanding contributions in the education sector. The award was conferred to her by Shri Bhagat Singh Koshyari, Hon'ble Governor of Maharashtra who was the Chief Guest at the Champions of Change Awards.

Ms. Singh's inspiring and courageous character has caught the eyes of many. She was one of the few luminaries who received awards at the ceremony for their contributions in various fields. Some of the other prominent awardees included Shri Dilip Walse Patil (Minister of Home Affairs, Maharashtra), Shri Nana Patole (President of Congress Committee) Smt. Sindhutai Sapkal (Padma Shri Awardee, Indian Social Worker), Shri Popatrao Pawar (Padma Shri Awardee, Sarpanch of Hiware Bazar), Shri Udit Narayan (Padma Bhushan, Indian Singer), Dia Mirza (Actor & Social Worker), Nawazaddin Siddiqui (Actor & Social Worker), Jackie Shroff (Actor & Social Worker).

In her Forbes India feature, she was described as "A self-made woman who defies the notion of barriers". She has been very vocal and an active participant in promoting girl child education in rural areas. Her aim is to build a power corridor between rural and urban education levels at very affordable prices.

A total of 7.9 per cent of all cancer cases between 2012- 19 were found in children below 14 years, a report prepared by the Indian Council of Medical Research said.



## THE PEOPLE | AWARDS

Ms. Singh was positioned in India's A-Listers and was awarded as 'The Woman Icon of The Year' in the 7th World Women Leadership Congress Awards for her powerful thinking towards society and her education-oriented change bringing work. She has also been honored by CMO Asia with the National Award for Woman Leadership 2020.

Recently, she was featured as one of the 100 Most Inspirational Leaders of India for the year 2020. She has been featured in many esteemed magazines like Forbes, Femina, Brand Honchos, Lifestyle, and Fortune.

It is due to her active participation in uplifting the social stature and standards of education in Maharashtra's interiors for years that has helped her confer the Champions of Change Award.

### Earthshot Prize

An Indian entrepreneur was named among the winners of Prince William's inaugural Earthshot Prize, dubbed the Eco Oscars, at a gala ceremony in London on October 17. Delhi-based Vidyut Mohan's Takachar was named the winner of the GBP 1 million prize for its cheap, small-scale and portable technology innovation to convert crop residues into sellable bio-products in the clean our air category.



The technology that reduces smoke emissions by up to 98 percent aimed at helping improve the air quality that currently reduces the affected population's life expectancy by up to five years. Takachar went head to head with another Indian finalist in the category -- 14-year-old Tamil Nadu schoolgirl Vinisha Umashankar's solar-powered ironing cart project.

It was among five worldwide winners of the prize, created by Prince William, the Duke of Cambridge, to reward people trying to save the planet. Costa Rica emerged as the winner in the protect and restore nature category for a scheme paying local citizens to restore natural ecosystems that has led to a revival of the rainforest.

A project run by two best friends who are growing coral in the Bahamas designed to restore the world's dying coral reefs won the prize in the revive our oceans category. A waste-busting initiative from Milan, Italy, won in the build a waste-free world and a renewable energy project to make hydrogen by splitting water into hydrogen and oxygen from Thailand, Germany and Italy won in the fix our climate category.

Each winner was awarded a one-of-a-kind prize medal, designed by award-winning Dutch artist Christien Meindertsma, inspired by the iconic Earthrise' photo taken of the earth from space from the Apollo 8 mission in 1968 and created from recycled materials.

The Earthshot Prize's name is a reference to the "Moonshot" ambition of 1960s America, which saw then-President John F Kennedy pledge to get a man on the Moon within a decade. Each year for the next decade, the prize is awarding GBP 1 million each to five projects that are working to find solutions to the planet's environmental problems.

### FICCI Healthcare Excellence Awards

According to Minister of State for Health and Family Welfare Dr. Bharati Pravin Pawar, relentless efforts of the Central Government have resulted in the launching of various nationwide programs for prevention, control and eradication of communicable and non-communicable diseases.



There is a great responsibility on her ministry to achieve the Prime Minister's dream of achieving affordable, accessible, safe and modern healthcare in the country.

Addressing the Annual FICCI Healthcare Excellence Awards Ceremony, the Minister highlighted that in working towards the goal of achieving universal health coverage, the government launched the world's largest public-funded healthcare program, the Ayushman Bharat Mission.

The scheme has been expanded to include the Digital Health Mission that aims to converge the various components of healthcare ecosystem on one platform for seamless integration and better healthcare outcomes.

The government has also launched numerous financial support schemes over the past couple of years for creating the appropriate environment for growth as well as augmenting public-private infrastructure of hospitals, public-funded labs across the country.

The National Medical Commission and the Paramedics Council have been key achievements in the field of medical education.

### Joseph A. Cushman Award

During the Annual Board of Directors meeting of the Cushman Foundation for Foraminiferal Research held



at Portland, Oregon, USA from Oct 10-13, 2021, Dr. Rajiv Nigam (Former Chief Scientist, CSIR-National Institute of Oceanography, Goa, India), Selected as 2022 recipient of J.A. Cushman Award for Excellence in



Foraminiferal Research. This award, the highest honor the Cushman Foundation, recognizes Dr. Nigam's outstanding lifetime contributions to the field of foraminifera research. The award will be presented at the Cushman Reception at the 2022 Geological Society of America meeting in Denver, Colorado, USA, from October 9-12-2022.

The Joseph A. Cushman Award was established in 1979 by USA based Cushman foundation for foraminiferal Research to honor researchers who have made outstanding contributions in the field of foraminiferology. Since then 41 Scientists from different countries from all over the world were presented with this international award. Dr. Rajiv Nigam is the first Indian Citizen who is selected for this lifetime achievement award based on his outstanding research work on foraminifera (microfossil).

Dr. Rajiv Nigam has received his Bachelor and Master of Science degrees in Geology from Lucknow University, Master of Philosophy, Doctor of philosophy and Doctor of Science degree in Geology from the Aligarh Muslim University and NORAD Diploma in marine Micropaleontology from Oslo University. Dr. Nigam has made significant contributions in the field of Marine Geology (Micropaleontology) using foraminifera as a tool to understand oceanographic processes and their role in environmental and paleo-environmental assessments.

His main findings are pollution monitoring through relative sensitivity of the benthic foraminifera; development of novel technique to decipher net sediment transport direction by comparisons of living and dead benthic foraminifera; postulating dimorphism as proxy for paleoclimatic reconstructions; development of model for the paleodepth determination in the Arabian Sea and sea level curve for the Holocene; morphogroups of benthic foraminifera as a new tool for paleomonsoonal reconstruction and discovery of 77 years cyclicity in average monsoonal rainfall which is modulated by Gleissberg solar cycle.

## Satyajit Ray Lifetime Achievement Award

Hollywood veteran Martin Scorsese and celebrated Hungarian filmmaker Istevan Szabo will be honoured

with the Satyajit Ray Lifetime Achievement award at the this year's International Film Festival of India (IFFI), Union Minister for Information and Broadcasting Anurag Thakur announced.



The 52nd edition of the film festival will be held from November 20 to 28 in Goa.

While Szabo is known for his masterpieces like 1966's "Father" and 1981 movie "Mephisto", Scorsese is one of the major figures of the New Hollywood era, widely regarded as one of the greatest and most influential directors in film history.

The minister also announced that for the first time ever IFFI has invited major OTT players to participate in the festival. Netflix, Amazon Prime, Zee5, Voot and Sony Liv will participate at the film festival through exclusive Masterclasses, content launches and previews, curated film package screenings, and various other on-ground and virtual events.

Netflix will be organising a 3-day virtual Masterclass by the Paris based renowned school of image and arts, Gobelins School L'image. The festival will see India premiere of Netflix movie "The Power of the Dog" by Jane Campion and special screening of Kartik Aaryan's film "Dhamaka".

SonyLiv is organising a masterclass by "Scam-1992" screenplay writer - Sumit Purohit and Saurav Dey, while Zee5 has specially curated "Breakpoint" -- the series on Tennis stars Leander Paes and Mahesh Bhupathi, by Nitesh Tiwari and Ashwini Iyer Tiwari, for IFFI.

Seventy five creative minds (under 35 years) will be invited to interact with industry leaders and attend Masterclasses at the festival. A competition will be organised to select the 75 candidates and the last date to submit applications for the same is October 30.

## Martial Arts Education Prize 2021

The world-renowned Kung Fu Nuns of the Drukpa order of Buddhism has won the prestigious Martial Arts Education Prize 2021 from the UNESCO International Centre for Martial Arts for their brave acts of service. The



The Prime Minister, Narendra Modi dedicated to the Nation 35 crop varieties with special traits through video conference.

## THE PEOPLE | AWARDS

prize recognises the Kung Fu Nuns' heroic acts of service and championing of gender equality across the Himalayas.

Through martial arts, the Drukpa nuns empower young girls to defend themselves, build confidence, and take on leadership roles in their communities. This award from UNESCO ICM also recognises the Kung Fu Nuns' work in Indian and Nepali communities hit especially hard by the pandemic, leaving many marginalised groups in need of supplies and education.

The Kung Fu Nuns hail from the Drukpa Lineage of Indian Buddhism and began learning Kung Fu to build strength and confidence. They now use those skills to serve others through unimaginable acts of bravery -- from their recent 2,500 km "Bicycle Yatra for Peace" from Kathmandu, Nepal, to Ladakh, India, to speak out against human trafficking, to their refusal to evacuate after the 2015 Nepal earthquake in order to deliver critical aid to neglected regions.

Adept in both weaponry and hand-to-hand combat, they have begun a self-defence training initiative for young girls in the Himalayas, where violence against women is rarely reported. With over 700 Drukpa nuns in the ranks, there is a long waiting list of women and girls who want to join them.

The Kung Fu Nuns have transformed the way the Himalayans view not only nuns, but women. Their Kung Fu demonstrations draw audiences in the tens of thousands, inspiring a new generational mindset that women can do anything.

Through their acts of service, and by setting an example of empowerment for the marginalised, the young Kung Fu Nuns have become heroes in their own right. Their efforts were honoured with several prestigious international awards. The nuns are recipient of the Atlantic Council's prestigious Unsung Heroes Award 2020 and the Asia Society's Game Changer Award 2019. They were also finalists for the Vaclav Havel Human Rights Prize for their humanitarianism in the Himalayas.

### 2021 Yidan Prize

**D**r Rukmini Banerji and eminent economist Professor Eric A Hanushek have been awarded the 2021 Yidan Prize, the world's highest education accolade, in recognition of their ground-breaking work in addressing a key aspect of education: improving quality of education and outcomes

for learners at scale. The acclaimed duo were picked for the top honour following a rigorous process conducted by an independent judging committee comprising education experts of reputation. While Dr

Banerji was selected for the Yidan Prize for Education Development, Professor Hanushek got the Yidan Prize for Education Research.

Dr Banerji and Professor Hanushek joined in the process nine laureates who have been awarded the Yidan Prize since its inception in 2016. The award was established by the Yidan Prize Foundation – a global philanthropic education foundation that inspires progress and change in education.

The laureates receive a project fund of HK\$15 million (£1.4 million) over three years, helping them in their work as well as a gold medal and a cash prize of HK\$15 million (shared equally for teams).

Dr Banerji, who leads the Mumbai-based organisation, received the award for her contribution in improving learning outcomes. She and her team pioneered the Annual Status of Education Report assessment approach in India and it revealed literacy and numeracy gaps among children despite spending several years in school.

Professor Hanushek, a Paul and Jean Hanna Senior Fellow, Hoover Institution of Stanford University, the US, has been awarded the 2021 Yidan Prize for Education Research. His work focuses on education outcomes and importance of teaching quality and has changed both research and policy internationally.

Hanushek's work helped in shaping the United Nations Sustainable Development Goal 4 (ensure inclusive and equitable quality education) by reframing targets for learning outcomes and has shown that economies are boosted by how much students learn instead of how many years they spend in school.

Nominations for the 2022 Yidan Prize will be open from October 19 and will go on till March 2022.



## OBITUARY

### Arvind Trivedi

Veteran theatre and film actor Arvind Trivedi - who shot to national fame in the role of Demon King Ravana in Ramanand Sagar's 'Ramayana' - has passed away, his family said. He was 82.



Trivedi was ailing since a long time with age-related issues, according to his nephew and Gujarat theatre producer Kaustubh Trivedi.

The end came late at his home in Kandivali west suburb and the last rites were performed at the Dahanukarwadi Crematorium.

Brother of veteran Gujarati actor Upendra, Trivedi also acted in another popular teleseries "Vikram Aur Betaal" and "Vishwamitra", and over 300 Gujarati and Hindi films.

From 1991, he briefly joined politics and was elected as a Lok Sabha MP from Gujarat's Sabarkantha constituency on a Bharatiya Janata Party ticket, serving a full term till 1996, besides serving as CBFC Chairman for a brief period in 2002-2003.

Several prominent personalities from the Gujarati and Hindi film industry, including his co-actors in Sagar's 1986 television magnum opus "Ramayana", mourned Trivedi's demise.

Condoling Trivedi's death, Prime Minister Narendra Modi described him as "not only an exceptional actor but also was passionate about public service, and for generations of Indians, he will be remembered for his work in the Ramayan TV serial".

### Farrukh Jaffer

Amitabh Bacchan's 'Begum', Rekha's mother in Umrao Jaan, 'Badi Apa' in Secret Superstar — veteran actress Farrukh Jaffer passed away here at the age of 88. Jaffer was not keeping well for some and breathed her last at a private hospital.



Best known for her energy, vigour and full of life nature and her recent portrayal of Amitabh Bachchan's wife 'Fatima

Begum' in the movie 'Gulabo Sitabo' directed by Shoojit Sircar, the octogenarian started her acting career in 1981 with Muzaffar Ali's 'Umrao Jaan', in which she played Rekha's biological mother. After Umrao Jaan, she went on winning hearts of her audiences with her different roles in 'Swades', 'Peepli Live', 'Secret Superstar', 'Sultan', her recent starrer 'Mehrunisa'. The list goes on.

In March this year, she also won the Filmfare award for the best supporting actress for her role in 'Gulabo Sitabo'. As soon as the news of her death spread, tributes poured in from her colleagues, friends, family members, co-stars, including actor Aayushman Khurana and screenwriter Juhi Chaturvedi, who wrote Sircar's film.

Jaffer was born in 1933 in Jaunpur and moved to Lucknow after her marriage to journalist and freedom fighter SM Jaffer at the age of 14. She graduated from Lucknow University.

### Nedumudi Venu

Legendary actor Nedumudi Venu passed away on October 11. He was 73. The veteran actor had been rushed to a private hospital in Thiruvananthapuram after he developed uneasiness. He was admitted to the intensive care unit, doctors had said then. The actor had earlier recovered from COVID-19. Known for his exceptional performances in commercial and art cinema, Nedumudi Venu has played many roles that are etched in the hearts of film viewers.



Born Kesavan Venugopal, Nedumudi was his stage name, after the village in Kuttanad he came from. Nedumudi, who started in theatre and was closely associated with Kavalam Narayana Panicker, later forayed into films. He has acted in over 500 films, predominantly in Malayalam and a few notable ones in Tamil. He is the winner of three National Film Awards and six Kerala State Film Awards.

Nedumudi played many memorable characters, notably the music-passionate patriarch that his family wants to kill in His Highness Abdullah, the drunken musician in Bharatham and many more. Having played male lead characters in the 1980s, he later switched to character roles. He excelled both in comedy and serious roles, and also played a villain occasionally. Chithram, Bharatham, Thenmavin Kombath, Vandanam, Manichithrathazhu, Chandralekha, Devasuram, Ishtam, Pavithram, Oppam, His Highness Abdullah are



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some of his most popular films. In Tamil, he was noticed for his roles in movies like Indian. Most recently he was seen in the Tamil anthology Navarasa as a school principal trying to get his daughter married.

Starting his career as a journalist, the actor was also known for his taste in music, especially folk songs. He had rendered memorable ones like 'Athirukakkum mala' in movies. Nedumudi Venu was immensely popular not just among his fans but also among his colleagues in the film industry due to his pleasing and jovial nature.

### Colin Powell

Colin Powell, the first African-American secretary of state and national security adviser to the US president, died of complications related to Covid-19. He was 84. Over four decades of life in US government, Powell would be remembered most distinctly for his speech, as secretary of state, at the UN Security Council that paved the way for the US invasion of Iraq in March 2003, wrongly alleging that Saddam Hussein, then Iraqi leader, had built a stockpile of weapons of mass destruction (WMD). No WMD was ever found in Iraq.

Colin Powell visited India four times as secretary state, the first of which took place in October 2001, just days after the US invaded Afghanistan in search of Osama bin Laden and others responsible for the September 11 terror attacks.

Powell's last visit came months after India turned down a request from the Bush administration to send peacekeeping troops to Iraq. The US had expected the deployment of a full Indian army division of 17,000 troops, according to reports at the time. A cabinet committee of the Vajpayee government decided in July 2003 to turn down the request after months of intense discussions.

Colin Powell's visit in March 2004 was dominated by outsourcing and trade. "My previous visits here in India were during times of great tension, crisis when people worried about the possibility of conflict," he had said at a town hall hosted by NDTV. "But now I am here at the time when people are talking about peace. We are talking about economic and trade issues for most of the day, not tension and conflict and the likelihood of war."

A four-star general, Colin Powell made history in 1987 when then president Ronald Reagan named him his national security adviser, the first African-American to hold that position. He was followed years later by Condoleezza Rice.



In 2001, then president George W Bush named him his secretary of state, once again the first African-American named as the top US diplomat. Born to parents from Jamaica, Powell fought in the Vietnam war and went to become the youngest and first African-American chairman of the joint chiefs of staff, a post he held during the 1990 Gulf War, when his strategy of using overwhelming force - after exhausting diplomatic, politician and economic means - came to be called the "Powell Doctrine".

### Visasolie Lhoungu

Former president of Nagaland Bharatiya Janata Party (BJP) and chairman of Nagaland Bamboo Development Agency Visasolie Lhoungu passed away. Prime Minister Narendra Modi, Nagaland Chief Minister Neiphiu Rio, legislators and several political parties mourned the demise.



Rio remembered Lhoungu, who passed away at Naga Hospital Authority Kohima (NHAK), as a hardworking, sincere and diligent officer who served as the CEO of National Rural Livelihood Mission under the rural development department before his entry into state politics.

Nagaland BJP president Temjen Imna Along said that Lhoungu, who served as the state BJP president from 2016 to 2018, was instrumental in maneuvering the party.

Lhoungu contested the 2016 State Assembly Election on a BJP ticket from 11 Northern Angami Assembly Constituency.

### Nagaland Bamboo Development Agency

The Government of Nagaland notified its Bamboo Policy on 15th March 2004. The Nagaland Bamboo Development Agency was established to pursue and implement the policy initiative of the State Bamboo Policy. The Agency is an autonomous body registered as a society under the Government of Nagaland under the Societies Registration Act. The agency is headed by a governing body under the chairmanship of the Hon'ble Chief Minister of the State. Nagaland Bamboo Development Agency has been approved by the Sanctioning Committee (MSDE) to be a training provider in the NE region on bamboo.

The agency as mandated is implementing bamboo development programmes and projects with the assistance of the central Government of India through the National Bamboo Mission and the National Mission on Bamboo Applications, the State Government and also



institutions both from within the country and abroad. The implementation of the programmes and projects are being taken up in a mission mode.

## **AQ Khan**

**A**Q Khan, a controversial scientist known as the father of Pakistan's clandestine nuclear programme, passed away after a brief illness. He was 85. The nuclear physicist was disgraced in 2004 when he was forced to accept responsibility for nuclear technology proliferation and was forced to live a life of official house arrest.



Khan, who was born in 1936 in Bhopal and migrated to Pakistan along with his family after the Partition in 1947, breathed his last at about 7.00 AM (local time) at Khan Research Laboratories (KRL) Hospital.

Khan, considered as the father of Pakistan's nuclear bomb, is revered at home as a hero. He was also called a man who built the Muslim world's first atomic bomb. Radio Pakistan reported that Khan played an important role in making Pakistan a nuclear power. His services for defence of the country will be remembered for a long time.

Khan lived as semi-secluded in Islamabad's posh neighbourhood of E-7 sector under the watch of security agencies since 2004. Later, he retracted his statement, which he said was made under duress exercised by then military dictator Gen. Pervez Musharraf.

In 2009, the Islamabad High Court declared Khan to be a free citizen of Pakistan, allowing him free movement inside the country. In May 2016, Khan had said that Pakistan could have become a nuclear power as early as 1984 but the then President, General Zia ul Haq — who was Pakistan's President from 1978 to 1988 — “opposed the move”.

Khan had also said that Pakistan has the ability to “target” Delhi from Kahuta near Rawalpindi in five minutes. Kahuta is the home to the Kahuta Research Laboratories (KRL), Pakistan's key uranium enrichment facility, linked to the atomic bomb project. In a 2018 book “Pakistan's Nuclear Bomb: A Story of Defiance, Deterrence And Deviance”, Pakistani-American scholar and academic Hassan Abbas has highlighted Khan's involvement in nuclear proliferation in Iran, Libya and North Korea.

He wrote that the origins and evolution of the Khan network were tied to the domestic and international political motivations underlying Pakistan's nuclear weapons project. The writer also examined the role of China and

Saudi Arabia in supporting its nuclear infrastructure. Khan is reported to have intimate links with China's nuclear establishment.

## **Swami Ameyanandaji Maharaj**

**S**enior monk of Ramakrishna Math Swami Ameyanandaji Maharaj passed away at a Kolkata hospital run by the spiritual organization. He was 90. He died at around 8.25 pm at the Ramakrishna Mission Seva Pratisthan where he had been admitted for treatment of old-age related ailments, the Math authorities said in a statement.



Swami Ameyanandaji was the head of Jayarambati Centre for nearly two decades and the Dhaka centre for three years in various phases, the statement said. In a condolence message, West Bengal Chief Minister Mamata Banerjee said the work and life of the monk will be a guiding light for thousands of Math and Mission followers. “His demise caused a void in the spiritual world,” she said.

The mortal remains of the monk will be kept at Belur Math, the global headquarters of Ramakrishna Mission, from 3.30 pm to 5.30 pm and his last rites will be performed at 9 pm in the Math.

Ramakrishna Math is the administrative legal organization of the Ramakrishna Order, considered part of the Hindu reform movements. It was set up by sanyasin disciples of Ramakrishna Paramhansa headed by Swami Vivekananda at Baranagar Math in Baranagar, a place near Calcutta (now Kolkata), in 1886. India. The headquarters of Ramakrishna Math and its twin organisation, Ramakrishna Mission is at Belur Math (in West Bengal, India).

Although Ramakrishna Math and Ramakrishna Mission are legally and financially separate, they are closely inter-related in several other ways and are to be regarded as twin organizations. All branch centres of Ramakrishna Math come under the administrative control of the Board of Trustees, whereas all branch centres of Ramakrishna Mission come under the administrative control of the Governing Body of Ramakrishna Mission.

## **GK Govinda Rao**

Well-known Kannada actor, professor and public intellectual GK Govinda Rao, who featured in the popular Malgudi Days TV series, passed away, October 14, in north Karnataka's Hubballi. He was 86 and was suffering from age-related illness. Reactions poured in from Sandalwood, with many in the film fraternity expressing their sorrow and

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offering their tribute to Govinda Rao. Some of his popular films and series include Mukta Mukta (2008), Simhada Mari (1997) and Jagath Kiladi (1998).

Former Chief Ministers BS Yeddyurappa and Siddaramiah were among those who paid their respects to the late actor and passed on their condolences to his family and friends. Siddaramaiah tweeted, "I'm shocked by the death of Prof GK Govindarao, a senior writer, thinker, actor. My respectful salutations to Prof GK Govindarao who was my well-wisher, guide and a dear friend. I too am in sorrow along with his family members, students and his fans about the loss."

Yeddyurappa also said he was sad to hear the news of Rao's death, tweeting his condolences.

Actor Chetan Kumar Ahimsa on Twitter said, "GK Govinda Rao— progressive thinker & actor— passed away at his daughter's home in Hubli. I first met Mr Govinda Rao 16 yrs ago this month while I was studying Kannada theatre; since then, I've been impressed by his passionate pro-democracy articulations. He will be missed."

Rao had been a vocal critic of the Sangh Parivar and had expressed his reservations about BJP supporters elevating Prime Minister Narendra Modi to a level where he cannot be criticized. Before the 2014 Lok Sabha elections, he had publicly endorsed the Congress party.

### Dr Bala V Balachandran

Management guru and founder of Great Lakes Institute of Management (GLIM) Professor Bala V

Balachandran died following a brief illness. He was not keeping well for some time and died in his sleep at 4 AM (local time) on September 27 in Chicago in the United States. He was 84 and is survived by wife, two sons and grandchildren, a press release from the institute.



Tamil Nadu Chief Minister M K Stalin and India Cements Ltd Vice Chairman and Managing Director N Srinivasan were among those who extended their condolences to the bereaved family members.

Born in Pudukottai district, Balachandran completed his studies at Annamalai University in Chidambaram. He had served in the Army briefly before moving to the United States to pursue his doctoral programme. Balachandran had played an instrumental role in establishing many management institutes in the country. He was honoured with the 'Padma Shri' award by the Centre for his contribution to education.

In 2004, he set up the Great Lakes Institute of Management at Manamai, about 45 km from here, which is one of the popular business schools in the country now. An eminent scholar, Bala's life was filled with accomplishments and accolades of the finest kind, the release added.

**Burning Topics of the Month**

**Govt extends Credit Guarantee Scheme for Subordinate Debt upto 31st of March 2022.**

**Railways successfully operated two long haul freight trains Trishul, Garuda for 1st time.**

**7 new defence companies to make India world's largest military power.**

**& Many More...**

**PM Modi Launches Phase 2 Of Swachh Bharat Mission (Urban)**

**01 October' 21**

Prime Minister Narendra Modi launched the second phase of the Swachh Bharat Mission-Urban and Atal Mission for Rejuvenation and Urban Transformation.



In line with the vision of the Prime Minister, Swachh Bharat Mission-Urban 2.0 and Atal Mission for Rejuvenation and Urban Transformation 2.0 have been designed to realise the aspiration to make all cities garbage free and water secure, according to the Prime Minister's Office (PMO).

At an event at the Ambedkar International Centre in Delhi, the Prime Minister launched the flagship missions.

These missions signify a step forward in the march towards effectively addressing the challenges of rapidly urbanising India and will also help contribute towards achievement of the Sustainable Development Goals 2030, the Prime Minister's Office said.

Swachh Bharat Mission-Urban 2.0 envisions to make all cities 'garbage free' and ensure grey and black water management in all cities other than those covered under AMRUT, make all urban local bodies open defecation free+ and those with a population of less than one lakh as open defecation free++, thereby achieving the vision of safe sanitation in urban areas.

The mission will focus on source segregation of solid waste, utilising the principles of 3Rs (reduce, reuse, recycle), scientific processing of all types of municipal solid waste and remediation of legacy dumpsites for effective solid waste management, the PM's Office said.

The outlay of Swachh Bharat Mission-Urban 2.0 is around ₹ 1.41 lakh crore, it said.

The Atal Mission for Rejuvenation and Urban Transformation or AMRUT 2.0 aims at providing 100 per cent coverage of water supply to all households in around 4,700 urban local bodies by providing about 2.68 crore tap connections and 100 per cent coverage of sewerage and septage in 500 AMRUT cities by providing around 2.64 crore sewer or septage connections, which will benefit more than 10.5 crore people in urban areas, the PMO said.

**Centre has doubled the incentive on sugar sacrificed for producing ethanol**

**02 October' 21**

Centre has doubled the incentive on sugar sacrificed for producing ethanol from October this year. The decision has been taken with a view to encourage sugar mills to divert excess sugar cane and sugar to ethanol and to achieve targets of blending ethanol with petrol in line with Ethanol Blended with Petrol program. Consumer Affairs, Food and Public Distribution Ministry said, the Sugar mills that will be diverting sugar to ethanol will get the entire quantity of sugar sacrificed on producing ethanol in their monthly release quota.

The Ministry said, in every sugar season-October to September, the production of sugar is around 320 to 330 lakh tonnes as against the domestic consumption of 260 lakh tonne which results in huge carry over stock of sugar with mills. Due to excess availability of sugar in the country, the ex-mill prices of sugar remain subdued resulting in cash loss to sugar mills. This excess stock of 60 lakh tonnes also leads to blockage of funds and affects the liquidity of sugar mills resulting in accumulation of cane price arrears. The Ministry said, by 2025, it is targeted to divert 50 to 60 lakh tonnes of excess sugar to ethanol.

In sugar season 2020-21, sugarcane of worth 91 thousand crore rupees was purchased by mills, which is at all-time

One of the most renowned academicians of the Northeastern region, and former Rajya Sabha member Bidhu Bhusan Dutta died in Shillong. He was 86.

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high level. Keeping the expected increase in the production of sugarcane in the sugar season 2021-22, sugarcane of worth one lakh crore rupees is likely to be purchased by sugar mills.

Ethanol is an organic chemical compound. It is a simple alcohol with the chemical formula  $C_2H_6O$ . Its formula can be also written as  $CH_3-CH_2-OH$  or  $C_2H_5OH$ , and is often abbreviated as EtOH. Ethanol is a volatile, flammable, colorless liquid with a characteristic wine-like odor and pungent taste.

### More than 2.5 crore registrations done on e-Shram portal, says Minister Bhupender Yadav 04 October' 21

According to Union Minister for Labour and Employment Bhupender Yadav, the Government is focused on the welfare of workers through evidence-based policymaking following the motto of "Mehnat Ko Samman, Adhikar Ek Saman".

The Union Minister was flagging off the fieldwork of the Area Frame Establishment Survey (AFES) at Shram Bureau Bhawan, Chandigarh on the occasion of the 101st Foundation Day of Labour Bureau.

Data on all aspects of labour is crucial and scientifically collected data is the bedrock for any evidence-based policymaking.

The Minister also held discussions with the State Labour Ministers, Labour Secretaries and Commissioners of States of Punjab, Haryana, Himachal Pradesh and Union Territories of Chandigarh, Jammu and Kashmir and Ladakh regarding progress with respect to registration of unorganised workers under e-Shram portal and preparedness of States and UTs on implementation of various schemes and reforms.

The Minister also distributed e-Shram cards to unorganised workers and presented approval letters under the Employees' State Insurance Corporation (ESIC) Covid Relief Scheme to the dependents of the people who lost their lives due to the pandemic.

On the occasion, Mr Yadav also distributed letters under Atal Beemit Vyakti Kalyan Yojana to workers. The e-Shram portal <https://eshram.gov.in> was inaugurated on 26th August, 2021.



So far more than 2.5 crore registrations have been done on the portal.

38 crore workers are engaged in the unorganised sector and employment sector.

The portal is the first-ever national database of unorganised workers including migrant workers and construction workers.

### Govt extends Credit Guarantee Scheme for Subordinate Debt upto 31st of March 2022 06 October' 21

Government has extended the Credit Guarantee Scheme for Subordinate Debt upto 31st of March next year. Ministry of Micro, Small and Medium Enterprises said, the government had announced creation of Distressed Assets Fund - Subordinate Debt for Stressed MSMEs' on 13th May last year under the Atma Nirbhar Bharat Package.

The scheme was launched to provide credit facility through lending institutions to the promoters of stressed Micro, Small and Medium Enterprises. In order to keep the avenues of assistance to stressed MSME Units open, the Government had earlier decided to extend this scheme for six months from 31 March this year to 30th September.

The Ministry said, on the basis of the requests received from the stakeholders of the scheme, the Government has decided to further extend it by a period of another six months. The scheme will now remain operational till 31st March next year.

The Ministry of Micro, Small and Medium Enterprises, a branch of the Government of India, is the apex executive body for the formulation and administration of rules, regulations and laws relating to micro, small and medium enterprises in India. The Minister of Micro, Small and Medium Enterprises is Narayan Rane.

The Ministry of Small-Scale Industries and Agro and Rural Industries was created in October 1999. In September 2001, the ministry was split into the Ministry of Small-Scale Industries and the Ministry of Agro and Rural Industries.

### Railways successfully operated two long haul freight trains Trishul, Garuda for 1st time 10 October' 21

The Indian Railways successfully operated two long haul freight trains "Trishul" and "Garuda" for the first time over South-Central Railway (SCR). Long haul trains, which are twice or multiple times longer than the normal composition of freight trains, provide a very



effective solution to the problem of capacity constraints in critical sections.

It was formed at Vijayawada and operated as a single train upto Duvvada station. The initiative was taken to speed up the operation of Goods trains.

The freight train "Trishul", named so to indicate three trains being operated as a single train, was formed at Vijayawada and operated as a single train upto Duvvada, the last station bordering SCR jurisdiction. The train consisted of 176 wagons and is meant for loading of the freight customers.

Trishul is SCR's first long haul comprising of three freight trains, i.e., 177 wagons. This train was started on October 7, 2021, from Kondapalli station of Vijayawada division to Khurda division of East Coast Railway. SCR followed it up with running of yet another similar one named Garuda on October 8 from Raichur of Guntakal division to Manuguru of Secunderabad division. In both cases, the long haul trains comprised of empty open wagons for loading of coal meant for predominantly thermal power stations.

As per Railway Ministry, SCR is one of the five major freight loading railways on IR. Bulk of SCR's freight traffic moves in certain arterial routes such as Visakhapatnam-Vijayawada-Gudur-Renigunta, Ballarshah-Kazipet-Vijayawada, Kazipet-Secunderabad-Wadi, Vijayawada-Guntur-Guntakal sections. As bulk of its freight traffic has to pass through these major routes, it is essential for SCR to maximize throughput available across these critical sections.

The total length of the freight train was around 3.5 kilometers after joining the five rakes and it was named 'Vasuki'.

The distance between Bhilai to Korba is 224 kilometers and the long-haul freight train named 'Vasuki' covered the whole distance with five rakes of a freight train.

### Coal crisis: Amit Shah holds hour-long meeting with power, coal ministers 11 October' 21

Home Minister Amit Shah on October 11 met Power Minister RK Singh and Coal Minister Pralhad Joshi to discuss the issue



AIM: The ministers have reviewed the availability of coal to power plants and the power demand in the coming weeks.

The government: said last week that an increase in the international price of coal led to its shortage and reduced power generation but assured that the situation would be "alright" in the next three to four days.

Coal shortage across the country has forced the temporary closure of 13 thermal power plant units which supply power to the Maharashtra State Electricity Regulatory Commission (MSEDCL).

Andhra Pradesh Chief Minister YS Jagan Mohan Reddy on October 9 asked the coal and railway ministries for 20 coal rakes for Andhra Pradesh Power Generation Corporation.

Coal Minister Pralhad Joshi: there is "absolutely no threat of disruption" in electricity supply, several states have raised urgent concerns over blackouts due to the coal shortage.

Karnataka Chief Minister Basavaraj Bommai said he has asked the Centre to increase the coal supply.

Coal: is a combustible black or brownish-black sedimentary rock, formed as rock strata called coal seams. Coal is mostly carbon with variable amounts of other elements, chiefly hydrogen, sulfur, oxygen, and nitrogen.

Coal is formed when dead plant matter decays into peat and is converted into coal by the heat and pressure of deep burial over millions of years.

Types, or "ranks," of coal are determined by carbon content. There are four types of coal, ordered from highest to lowest rank

Anthracite: or "hard coal," contains the highest amount of carbon out of all coal ranks (86%-97%).

It is used mostly in industrial settings and the metals industry due to its high heat value.

Bituminous coal: often called "soft coal," has slightly lower carbon content than anthracite (45%-86%).

Lignite: or brown coal, the lowest rank of coal, most harmful to health, used almost exclusively as fuel for electric power generation. It has the lowest carbon content out of all the coal ranks (25%-35%).

Peat: a precursor of coal.

### New Delhi World Book Fair to Be Held From 8 January 2022 in Physical Form 11 October' 21

The National Book Trust announced, the 30th edition of "New Delhi World Book Fair" (NDWBF) will be held in physical form from 8-16 January 2022 at the newly constructed halls at the Pragati Maidan.

The theme for the upcoming fair will be "Azadi ka Amrit Mahotsav" to celebrate 75 years of the country's

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Independence and will see various panel discussions, book and photo exhibitions, book releases and discussions at the theme pavilion.



First organised in 1972, the NDWBF will also celebrate its 50th year in 2022 with a photo exhibition.

With France as the guest country, the book lovers will be able to enjoy literature of France as well as other countries at the Foreign Pavilion, and a number of literary events will also take place at the International Events Corner.

According to National Book Trust, "The NDWBF organises a number of literary and cultural programmes during the Fair, which include Author's Corners, Seminars, Discussions, Workshops, etc. In addition, there will be the B2B forums, viz. CEO Speak and New Delhi Rights Table, where publishers from across the world exchange translation rights and other business deals related to publishing".

National Book Trust is an Indian publishing house, which was founded in 1957 as an autonomous body under the Ministry of Education of the Government of India.

**Chairman:** Govind Prasad Sharma

**Founder:** Government of India

**Founded:** 1 August 1957

**Headquarters:** Vasant Kunj, Delhi, India

### PM Modi says mega infrastructure connectivity plan - GatiShakti will provide impetus to 21st century India 14 October' 21

Prime Minister Narendra Modi inaugurated the PM Gati Shakti-National Master Plan for multi-modal connectivity and the new exhibition complexes of the India Trade Promotion Organisation at Pragati Maidan in New Delhi. He also reviewed a model of the new exhibition complex at Pragati Maidan. In his address, the Prime Minister said the National Master Plan will provide GatiShakti to 21st century India with multimodal connectivity and next-generation infrastructure.



The Prime Minister said, the India of the 21st Century is leaving behind old thinking and is moving forward. The Prime Minister underlined that Master Plan GatiShakti strengthens Atmanirbar Bharat and also lays the foundation for the coming 25 years of development programmes. Mr Modi said the GatiShakti National Master Plan will also provide an analytical and decision-making tool for investors, and all stakeholders involved in policy making of the country.

This will help the government in effective planning and policy making. He said it is important for India's development that all departments linked to infrastructural growth come together and use each other's collective power. Speaking on the occasion, Commerce and Industry Minister Piyush Goyal said India is progressing at a fast pace and the PM Gati Shakti National Master Plan is a symbol of Mr Modi's foresight.

India Trade Promotion Organisation (ITPO), headquartered at Pragati Maidan, is the nodal agency of the Government of India under aegis of Ministry of Commerce and Industry (India) for promoting country's external trade. ITPO is a Mini-Ratna Category-1 Central Public Sector Enterprise (CPSE) with 100 percent shareholding of Government of India.

**Founded:** 1 April 1977

**Headquarters:** New Delhi

**Chairman & MD:** LC Goyal

**Owner:** Government of India

### 7 new defence companies to make India world's largest military power 16 October' 21

Prime Minister Narendra Modi dedicated the seven new Defence Companies to the nation. The companies are, Munitions India Limited, Armoured Vehicles Nigam



Limited, Advanced Weapons and Equipment India Limited, Troop Comforts Limited, Yantra India Limited, India Optel Limited, and Gliders India Limited.

Addressing the gathering through video conference, Mr Modi said, 41 Ordinance factories are being converted into seven corporate entities, as a measure to improve India's self-reliance and defence preparedness. He said, the government and public sector have joined hands for

'Rashtra-Surakhsha' that will boost India's economy and encourage to reach new heights.

Mr Modi said, India's defence sector was lacking innovation after achieving independence. Prime Minister said, an order book of more than 65 thousand crore rupees reflect the increasing confidence of the country in these companies. Speaking on the occasion, Defence Minister Rajnath Singh said, defense manufacturing is crucial in meeting the country's goal of self-reliance.

According to a recent report published in the SIPRI Yearbook 2021, the number of nuclear warheads which are ready and deployed have increased globally. The SIPRI Yearbook is released by the Stockholm International Peace Research Institute (SIPRI) which researches international armament and conflict.

The nine nuclear armed states are: US, Russia, the U.K., France, China, India, Pakistan, Israel and North Korea. Russia and the US together possessed over 90% of global nuclear weapons and have extensive and expensive modernization programmes under way. India possessed an estimated 156 nuclear warheads at the start of 2021 compared to 150 at the start of last year, while Pakistan had 165 warheads, up from 160 in 2020.

The growth in total spending in 2020 was largely influenced by expenditure patterns in the United States and China (first and second largest spenders respectively). India's spending of USD 72.9 billion, an increase of 2.1% in 2020, ranked it as the third highest spender in the world. The five largest arms importers were Saudi Arabia, India, Egypt, Australia and China, which together accounted for 36% of total arms imports.

## Union Home Amit Shah visits cellular jail in Andaman and Nicobar Islands

16 October' 21

**H**ome Minister and Minister of Cooperation Amit Shah visited the National Memorial Cellular Jail and laid a wreath at the Martyrs' Column in



Port Blair. He also visited the cell of Veer Savarkar and paid homage. The Home Minister attended the cultural programme as part of 'Azadi Ka Amrit Mahotsav' in Cellular Jail.

Addressing the event, the Home Minister said that it is a matter of pride for me to come to this holy place.

Remembering freedom fighters Veer Savarkar and Sachin Sanyal, he exclaimed that their sacrifice inspired many youths to serve for the country.

Mr Shah said, freedom fighters have suffered highly at cellular jail but their spirits remained undaunted. It is the land of supreme sacrifices. The Government gave away the status "the most sacred place "Trithsthal" of the Indian Sub-Continent " to Cellular Jail. The Home Minister unveiled the plaque at the front gate Cellular Jail complex.

Mr Shah reached Port Blair on a three-day visit to Andaman Nicobar Islands. Andaman Nicobar is a place where Netaji Subhash Chandra Bose hoisted tricolour for the first time in 1943 and declared it free from British Rule. Mr Shah appealed to people to visit Cellular Jail and Pay homage to freedom fighters.

Cellular Jail was declared a National Memorial by the then Prime Minister of India, Morarji Desai on 11 February 1979. The centenary of the jail's completion was marked on 10 March 2006. Many former prisoners were celebrated on this occasion by the Government of India.

## India allows foreign tourists on chartered flights to enter the country

16 October' 21

**G**overnment has allowed foreign tourists on chartered flights to enter the country on chartered flights. Union Home Ministry has started granting fresh Tourist



Visas to foreigners coming to India through chartered flights with effect from 15th of October. The Ministry in a statement said that all COVID-19 protocols and norms notified by Health Ministry to be adhered to by foreign tourists and carriers bringing them into India and other stakeholders at landing stations.

Due to the COVID-19 pandemic, all visas granted to foreigners were suspended last year. Various other restrictions were also imposed on international travel by the Central Government to arrest the spread of the COVID-19 pandemic. After considering the evolving COVID-19 situation, foreigners were later on allowed to avail any kind of Indian visa other than Tourist Visa for entry and stay in India.

Home Ministry had been receiving representations from several State Governments as well as various stakeholders in the tourism sector to start Tourist Visas also, to allow



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foreign tourists to come to India. Therefore, Home Ministry consulted all major stakeholders like the Ministry of Health, Ministry of External Affairs, Ministry of Civil Aviation, Ministry of Tourism and various State Governments where foreign tourists are expected to arrive.

A charter flight is a non-scheduled commercial flight which can be utilised for personal use. These flights are usually used for any personal requirements such as vacation travel, business travels etc. Charter flights are a combination of safety, luxury and comfort.

### The Ministry of Textiles to set up of 7 PM MITRA Parks 22 October' 21

The Ministry of Textiles has issued the Notification on 21 October 2021 for setting up of 7 PM MITRA Parks as announced in Union Budget for



2021-22 and approved by the Central Government. The Notification is available on the Ministry's web-site: <http://texmin.nic.in> PM MITRA Parks is envisaged to help India in achieving the United Nations Sustainable Development Goal 9 ("Build resilient infrastructure, promote sustainable industrialization and foster innovation"). PM MITRA is inspired by the 5F vision of Hon'ble Prime Minister. The '5F' Formula encompasses - Farm to fibre; fibre to factory; factory to fashion; fashion to foreign. This integrated vision will help furthering the growth of textile sector in the economy. No other competing nation has a complete textile ecosystem like us. India is strong in all five Fs.

The scheme is to develop integrated large scale and modern industrial infrastructure facility for entire value-chain of the textile industry. It will reduce logistics costs and improve competitiveness of Indian Textiles. The scheme will help India in attracting investments, boosting employment generation and position itself strongly in the global textile market. These parks are envisaged to be located at sites which have inherent strength for Textile Industry to flourish and have necessary linkages to succeed.

The 7 PM Mega Integrated Textile Region and Apparel (PM MITRA) Parks will be setup at Greenfield / Brownfield sites located in different willing States. Proposals of State Governments having ready availability of contiguous and encumbrance-free land parcel of 1,000+ acres along with other textiles related facilities & ecosystem are welcome.

Competitiveness Incentive Support (CIS) of ₹300 Crore will also be provided to each PM MITRA park for early establishment of textiles manufacturing units in PM MITRA Park. Such support is crucial for a new project under establishment which has not been able to break even and needs support till it is able to scale up production and be able to establish its viability.

### Union Minister Nitin Gadkari launches knowledge App, platform CUNSLT 26 October' 21

Road Transport and Highways Minister Nitin Gadkari has launched knowledge App and platform CUNSLT. Emphasizing on innovation, entrepreneurship, science technology, research and skill for knowledge transformation, the minister said, conversion of knowledge into wealth is the future.

Mr. Gadkari said knowledge is changing the world and cooperation, coordination and communication is very important in administration and business organisations. The Minister also stressed upon the importance of human relationships and said that no one is perfect and one should take advice, consult and learn from experience of others.

Information and Broadcasting Secretary Apurva Chandra said, CUNSLT app will be a forum for mentors to share their life experiences. He said, the app will allow people to learn from the wisdom which has been acquired over the lifetime. CUNSLT app is the first such global facility by which people who need information, advice, counsel, guidance can contact and call up experts in multiple sectors on-the-go.

Each expert also gets a unique, exclusive page reflecting their contributions by way of articles and video-blogs and this serves as their intellectual legacy and helps to promote interest in them. CUNSLT uses the framework of context and convergence to instantly connect knowledge seekers and knowledge givers. CEO Niti Aayog Amitabh Kant and Former Secretary Raghav Chandra were also present on the occasion.

### Ramesh Pokhriyal gifted his book 'AIIMS Mein Ek Jang Ladte Hue' to PM Modi 27 October' 21

Former Union minister Ramesh Pokhriyal 'Nishank' gifted a copy of his book written during his battle with COVID-19 to Prime Minister Narendra Modi, according to an official statement.

The book, titled "Ek Jang Ladte Hue", was written by Pokhriyal while he was battling COVID-19 at AIIMS in Delhi, it said.



Gifted the book to the prime minister during a courtesy call in New Delhi, Pokhriyal also thanked him for talking to him on the phone when he was hospitalised and boosting his morale, the statement said.



Ramesh Pokhriyal Nishank is an Indian politician who was appointed on 31 May 2019 to serve as Minister of Human Resource Development and as of July 2020, following the ministry's name change, his title was changed to Minister of Education.

He was asked to resign from his position in July 2021, briefly before a cabinet shuffle in which several high ranking ministers were sacked citing poor performance. He represents the Haridwar Parliamentary constituency of Uttarakhand in the 17th Lok Sabha.

He was the 5th Chief Minister of Uttarakhand from 2009 to 2011. He was member of the 16th Lok Sabha and chairperson, Committee on Government Assurances.

## PM Modi holds talks with his Italian counterpart Mario Draghi, India, Italy agree to further expand trade, investment ties; G-20 Summit begins in Rome 28 October' 21

India and Italy have reviewed the 2020-2025 Action Plan of bilateral partnership and reiterated the commitment to further expand trade and investment linkages. In Rome, Prime Minister Narendra Modi yesterday held delegation-level talks with his Italian counterpart Mario Draghi.



To provide fresh impetus to the bilateral cooperation in renewable and clean energy, the two countries issued a joint statement announcing a strategic partnership on energy

transition, and agreed to explore partnerships in areas including large size green corridor projects, smart grids, energy storage solutions, gas transportation, development and deployment of green hydrogen and promotion of biofuels.

The two leaders resolved to cooperate for accelerating the clean energy transition to fight climate change. They also had a very good discussion on two way investments, particularly in the clean energy and renewable sector.

Briefing media, Foreign Secretary, Harsh Vardhan Shringla said, during his meeting with the Presidents of the European Commission and European Council, the Prime Minister highlighted India's perspective on Climate Change and Afghanistan. He said the main issues of discussion were related to the G20 Summit during this meeting as well as the meeting with the Italian Prime Minister. He said, New Delhi has proposed mutual recognition of COVID-19 vaccine certificate at G20.

## Shaktikanta Das reappointed as RBI Governor for three more years 30 October' 21

The govt. has approved the reappointment of Shaktikanta Das as Governor of the Reserve Bank of India for a period of three years.



The Appointments Committee of the Cabinet has approved the reappointment of Mr Das. The re-appointment will be effective from 10th December this year or until further orders.

Important takeaways for all competitive exams:

Sir Osborne Smith was the first Governor of the Reserve Bank.

Chintaman Dwarkanath Deshmukh, a member of the Indian Civil Service, was the first Indian Governor of the Bank. His association with the Bank commenced in 1939, when he was appointed Government's liason officer.

Sir Benegal Rama Rau, a member of the Indian Civil Service, was the longest serving Governor of the Bank.

## Burning Topics of the Month

**Madhya Pradesh Chess Organization dissolved and five members ad hoc committee constituted.**

**Union Minister Purushottam Rupala announced over Rs 6 cr worth fishery projects to Leh.**

**Punjab CM Charanjit Channi launches 'Mera Ghar Mere Naam' scheme.**

**& Many More...**

### **SBI rejects Andhra Pradesh government's Rs 6,500 crore overdraft** 01 October' 21

The State Bank of India has rejected Andhra Pradesh government's Rs 6,500 crore 'overdraft' for implementing the Centrally Sponsored Schemes (CSS) in the state.



With its coffers completely dry, the state government sought the overdraft to be used as working capital by five nodal implementing agencies "against securitization of fund balances available in the Single Nodal Accounts (SNA)."

The state sought to escrow the Central funds in the SNA and raise the overdraft and, accordingly, Finance Secretary (Budget and Institutional Finance) K V V Satyanarayana wrote a letter early this month to the SBI seeking sanction of Rs 6,500 crore.

The "unusual and unheard of" request by the Finance Secretary left top bureaucrats baffled since it only further exposed the state government's perilous financial condition. "Seeking a (regular) loan is one thing but trying to get an overdraft by escrowing Central funds is utterly foolhardy. This could also invite the Centre's wrath and jeopardize the schemes," a top bureaucrat observed.

For implementing the CSS, the state government is required to share a part (up to 40 per cent) of the overall cost of each scheme.

The Union Department of Expenditure (DoE) this year brought in new rules for ensuring funds flow to the states

for the CSS, under which primarily the state is required to open a Single Nodal Account in a scheduled commercial bank for each scheme, mapped in the Centre's Public Financial Management System.

### **Maha govt, C40 Cities Network launch 'Women4Climate' programme** 05 October' 21

The Maharashtra govt and C40 Cities Network, a global forum that addresses climate change, have launched the 'Women4Climate' programme, which is aimed at bringing all women residents of Mumbai under one roof to fight climate change.



Under the programme, launched the state government and the C40 Cities Network will strive to bring out leadership qualities in women so that a stage can be set for the next generation of climate leaders. The C40 Cities Network will share the knowledge and experience and provide mentorship, training and networking opportunities to women in the city.

"The Government of Maharashtra with the C40 Cities Network, a global network that addresses climate change, under its Mumbai Climate Action Plan 4 October 2021 launched the Women4Climate programme that aims to bring all the resident women in the city under one roof to fight climate change".

The programme is inspired by the philosophy "think local and act global", where women from C40 cities can develop and implement action to accelerate their climate projects and strategies to achieve the overall target of sustainable development goals, it said.

"In 2020, when Mumbai joined the C40 Cities Network to develop a robust roadmap to tackle the challenges of climate change, we made history and now with bringing women at the forefront of the Mumbai Climate Action plan, we believe in them to lead us all to make an enormous contribution to the global efforts for fighting climate change," state Minister for Environment, Tourism and Protocol Aaditya Thackeray said.

The next-generation climate leaders will be selected through a mentorship programme that will seek to put women mentees under the guidance of their mentor, the statement said. Under the programme, monthly webinars will be arranged where mentees from different cities would come together to learn about each other's initiatives, share their achievements and ideas for improvements, it said.

### Madhya Pradesh Chess Organization dissolved and five members ad hoc committee constituted 07 October' 21

After the dissolution of the Madhya Pradesh Chess Association, the All India Chess Federation has constituted a five-member ad-hoc



committee for the conduct of the game in the state, whose president Gurmeet Singh has been appointed.

According to Committee convener Akshat Khampariya, Gurmeet Singh has been appointed as chairman (Raisen) in the ad-hoc committee. Apart from this, Yashpal Arora (Sagar), Anil Fatehchandani (Indore) and Prem Satija (Chhindwad) have been included in the committee.

He said that till the state organization is not formed in Madhya Pradesh, the said committee would select the players for the national chess tournament by conducting a state selection competition in the state.

The All India Chess Federation is central administrative body for the game of chess in India. Founded in 1951, the federation is affiliated to Fédération Internationale des Échecs (FIDE), the world body for chess. The AICF has produced champions Viswanathan Anand, Nihal Sarin, Pentala Harikrishna, Rameshbabu Praggnanandhaa and Vidit Santosh Gujrathi and many other grandmasters. The organisation is also in charge of managing women's chess in India. Its current headquarters is in Chennai.

**Founded-** 1951

**President-** Sanjay Kapoor

### Union Minister Purushottam Rupala announced over Rs 6 cr worth fishery projects to Leh 08 October' 21

Union Minister for Fisheries, Dairy, Poultry and Animal Husbandry Purushottam Rupala has announced over Six crore rupees worth fishery projects to Leh. On his day-long visit to Leh, Mr. Rupala participated in a public outreach program with dairy, poultry, pashmina and fish rearers of Ladakh in Chuchot Shamma of Leh, Mr Rupala said all the central schemes will be extended to Ladakh with complete subsidy.

To promote Trout fish production in Leh, Ladakh region, and to cut down the dependency on imports especially during winter months, the Minister announced Trout fish ponds, hatchery, farmer training building and two feed mills worth over Six crore rupees for Leh.

Ladakh is a region administered by India as a union territory, and constitutes a part of the larger Kashmir region. Ladakh is bordered by the Tibet Autonomous Region to the east, the Indian state of Himachal Pradesh to the south, Jammu and Kashmir to the west, and the southwest corner of Xinjiang across the Karakoram Pass in the far north. It extends from the Siachen Glacier in the Karakoram range to the north to the main Great Himalayas to the south.

Ladakh was established as a union territory of India on 31 October 2019, following the passage of the Jammu and Kashmir Reorganisation Act. Prior to that, it was part of the Jammu and Kashmir state. Ladakh is the largest and the second least populous union territory of India.

**Lieutenant Governor-** Radha Krishna Mathur

### Delhi government launched online registration for e-auto permits with 33 pc reservation for women 17 October' 21

According to Transport Minister Kailash Gahlot, The Delhi government launched online registration for e-auto permits with 33 per cent reservation for women. In the first phase, 4,261 e-auto permits, including 1,406 for women applicants, will be issued. Those eligible can apply through the website of the Delhi government's transport department.



REL has signed its first Green Term Loan agreement with Bank of India for its 470 MW Solar Projects in Rajasthan & 200 MW Solar Project in Gujarat.



## NEWS BITES | STATE

The e-auto permits are an effective step by the Arvind Kejriwal government towards making Delhi an electric vehicle capital.

The Delhi government is committed to providing a pollution-free, world-class transport service to the city.

The Delhi government, under its EV policy, provides financial assistance of Rs 30,000 on the purchase of e-auto.

Any person having an Aadhaar number with Delhi address, valid driving licence of a light motor vehicle or a TSR driving license can apply for an e-auto permit.

The last date for applying for permits is November 1. Loans with a five per cent interest rebate will be provided through agencies empanelled by the Delhi government.

The government will also organise "E-Auto Mela" at IDTR Sarai Kale Khan and Loni, on October 25-31, where people will be able to explore e-auto models, drive them and get information about loans.

**Chief Minister:** Arvind Kejriwal

**Chief Justice:** Geeta Mittal

**Lieutenant Governor:** Anil Baijal

### Punjab CM Charanjit Channi launches 'Mera Ghar Mere Naam' scheme 20 October '21

In Punjab, Chief Minister Charanjit Channi launched a new scheme titled 'Mera Ghar Mere Naam', which aims to confer proprietary rights on the people living in the houses within the 'Lal Lakir' of villages and the cities. The land area which is a part of the village habitation and is used for non-agriculture purposes only is known as Lal Lakir.



The state government will undertake drone surveys of residential properties, both in rural and urban areas for digital mapping, following which all eligible residents would be given the property cards, after proper identification or verification, to confer proprietary rights upon them in a time-bound manner. The property card will serve the purpose of registry against which they can avail loans from the banks or even sell their properties.

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:** Banwarilal Purohit

**Capital:** Chandigarh

**Chief minister:** Charanjit Singh Channi

### PM Modi lays foundation stone of Rajkiya Medical College in Kushinagar 22 October '21

Prime Minister Narendra Modi said that Uttar Pradesh is number one state in the country administering Covid vaccine and the centre and state



governments are continuously working to develop the state. Chief Minister Yogi Adityanath said that under the guidance of Prime Minister Narendra Modi, Uttar Pradesh has worked continuously to enhance the medical infrastructure in the state.

The Chief Minister also said that earlier, poor health services in the region led to the untimely deaths of infants and adolescents, but in the last 4.5 years, the state has boosted the medical infrastructure. He said that AIIMS at Gorakhpur will be inaugurated soon.

Kushinagar is a town in the Kushinagar district of the Indian state of Uttar Pradesh. It is an important Buddhist pilgrimage site, where Buddhists believe Gautam Buddha attained Mahaparinirvana after his death. It is an international Buddhist pilgrimage centre.

The Government of Uttar Pradesh has proposed the Kushinagar-Sarnath Buddha Expressway to connect Buddhist pilgrimage towns. The expressway will be around 200 km long and will reduce the travel time between the towns from seven hours to one and a half hours.

Kushinagar was the capital of Kosala Kingdom and according to Ramayana it was built by King Kush, son of Lord Rama. While according to Buddhist tradition Kushavati was named prior to the king Kush. The naming of Kushavati is believed to be due to abundance of Kush grass found in this region.



## Gujarat CM launched 7th phase of "Seva Setu initiative" to mark Amit Shah's birthday

26 October' 21

**G**ujarat Chief Minister Bhupendra Patel launched the seventh phase of the state-wide "Seva Setu programme" from a village near Ahmedabad on the occasion of Union Home Minister Amit Shah's birthday.

The programme was organised in Manipur village of Sanand taluka in Shah's constituency to mark his 57th birthday.

The chief minister also visited a residential school and a girls' hostel for poor children in Sanand taluka and celebrated Shah's birthday with students.

Under the Seva Setu programme, locals get documents and certificates, such as income certificates, widow pension, caste certificates and duplicate ration cards, at their doorstep without having to visit government offices.

Instead of giving a speech, Patel distributed certificates and other documents to some of the beneficiaries and interacted with them to understand their issues.

The chief minister distributed school bags and other gifts to the children studying there.

**Gujarat:** 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.

**Capital:** Gandhinagar

**Governor:** Acharya Dev Vrat

**Chief Minister:** Bhupendrabhai Patel

**Legislature:** Unicameral (182 seats)

**Parliamentary constituency:**

Rajya Sabha (11 seats)

Lok Sabha (26 seats)

## Karnataka tops State Energy Efficiency Index (SEEI) 2020

29 October' 21

**K**arnataka has topped the State Energy Efficiency Index 2020 (SEEI), scoring 70 points out of 100 on the back of several initiatives to improve energy efficiency in the state. Rajasthan is on second rank followed by Haryana on third. Last year i.e. in SEEI 2019 ranking, Rajasthan was on top. The State Energy Efficiency Index (SEEI) 2020 was released under the Ministry of Power.

About the State Energy Efficiency Index:

State Energy Efficiency Index is released by the Bureau of Energy Efficiency (BEE) and Alliance for an Energy-Efficient Economy (AEEE).

The SEE index, assesses the states in four categories of Aspirant with a score below 30 points, Contenders with a score between 30-50, Achievers with a score of 50-60 and the Frontrunners with above 60 points score.

SEEI 2020 has assessed the performance of 36 states and Union territories in energy efficiency (EE) using 68 qualitative, quantitative, and outcome-based indicators aggregating to a maximum score of 100 across six sectors.

About Karnataka State:

Karnataka is one of the six states in India where the state legislature is bicameral, comprising two houses. The two houses are the Vidhan Sabha (lower house) and the Vidhan Parishad (upper house).

The members of the Vidhana Sabha are directly elected by people through adult franchise.

There are 224 members of the Vidhana Sabha or the Legislative Assembly of Karnataka state. The state of Karnataka is divided into 224 constituencies used to elect the Legislative assembly members.

Chief Minister: Basavaraj Bommai, BJP

Governor of Karnataka: Thawar Chand Gehlot

## Burning Topics of the Month

**Bangladesh to set up its second nuclear power plant: PM Sheikh Hasina.**

**Cleric Moqtada al-Sadr's party 'biggest winner' in parliamentary election.**

**Global Hunger Index ranks India at 101 out of 116 countries.**

**& Many More...**

### Indian Parliamentary Delegation leaves for Rome to attend G20 Parliamentary Speakers Summit

04 October' 21

An Indian Parliamentary Delegation led by Lok Sabha speaker Om Birla left for Rome to attend the G20 Parliamentary Speakers Summit. The delegation comprises Deputy Chairman, Rajya Sabha Harivansh, Secretary General, Lok Sabha Utpal Kumar Singh and Secretary General, Rajya Sabha Dr. P.P.K. Ramacharyulu. The overall theme of the summit is Parliaments for People, Planet and Prosperity. A Joint Statement has adopted at the end of the Summit. Lok Sabha Speaker has participated in Session -I on the theme "Response to the Social and Employment Crisis caused by the Pandemic. On the sidelines of the extant Summit, Mr Birla has also hold bilateral meetings with his counterparts from other participating Parliaments.



"The seventh G-20 Parliamentary Speakers Summit will also discuss, rebooting economic growth in terms of social and economic environmental sustainability and 'Sustainability and food Security after the COVID-19 pandemic'".

The G20 is an intergovernmental forum comprising 19 countries and the European Union. It works to address major issues related to the global economy, such as international financial stability, climate change mitigation, and sustainable development.

**Founder:** Group of Seven

**Founded:** 26 September 1999

**Chairman:** Mario Draghi

The 2021 G20 Rome summit is the upcoming sixteenth meeting of Group of Twenty (G20), scheduled to take place in Rome, the capital city of Italy, on 30–31 October 2021.

### Denmark PM to begin 3-day India visit from Oct 9

08 October' 21

Prime Minister of Denmark, Mette Frederiksen will be on a three-day visit to India from Oct 9 2021. During the visit, Ms Frederiksen will call on President Ram



Nath Kovind and hold bilateral talks with Prime Minister Narendra Modi. The visit by the Danish Prime Minister will give both sides an opportunity to discuss the entire gamut of bilateral relations and review the progress in implementation of the Green Strategic Partnership. Both sides will also discuss regional and multilateral issues of mutual interest. During the Virtual Summit held in September last year, India and Denmark had established a Green Strategic Partnership. Ms Frederiksen will also interact with think tanks, students and members of civil society.

India and Denmark have strong trade and investment ties. More than 200 Danish companies are present in India and over 60 Indian companies have a presence in Denmark. The visit is expected to further strengthen and enhance the close and friendly ties between India and Denmark.

### EAM Jaishankar has embarked on 4-day visit to Kyrgyz Republic, Kazakhstan, Armenia

09 October' 21

External Affairs Minister Dr. S. Jaishankar has pay a four-day official visit to Kyrgyz Republic, Kazakhstan and Armenia from 10 October 2021.

The Union Cabinet approved capital infusion of Rs 4,400 crore in the state-owned Export Credit Guarantee Corporation (ECGC) and its listing through an initial public offering.

Dr Jaishankar has reached Kyrgyz Republic for a two-day visit. This is his first visit to the country as External Affairs Minister. He has held a bilateral meeting with the



Foreign Minister of Kyrgyzstan apart from calling on the President of Kyrgyz Republic. Some agreements or MoUs are also expected to be signed during the visit.

The External Affairs Minister has attended the 6th Ministerial Meeting of "the Conference of Interaction and Confidence Building Measures in Asia", CICA in Nur-Sultan. Kazakhstan is the current Chair and initiator of the CICA Forum.

External Affairs Minister has visited Armenia on 12th and 13th of October. This is the first ever-visit of an External Affairs Minister of India to independent Armenia. He has meetings with his Armenian counterpart as well as call on the Prime Minister and President of the National Assembly of Armenia.

According to External Affairs Ministry, the visit has provided an opportunity for reviewing the progress in the bilateral ties with the three countries as well as share views on developments in the region.

**Kyrgyzstan:** is a mountainous landlocked country in Central Asia. Kyrgyzstan is bordered by Kazakhstan to the north, Uzbekistan to the west, Tajikistan to the south, and China to the east.

**Capital:** Bishkek

**President:** Sadyr Japarov

**Currency:** Kyrgyzstani som

**Kazakhstan:** is a country in Central Asia with a land area of 2,724,900 square kilometres; it has borders with Russia in the north, China in the east, and Kyrgyzstan, Uzbekistan, and Turkmenistan in the south. The capital is Nur-Sultan, formerly known as Astana.

**Capital:** Nur-Sultan

**President:** Kassym-Jomart Tokayev

**Prime Minister:** Askar Mamin

**Armenia:** is a landlocked country located in the Armenian Highlands of Western Asia. It is a part of the Caucasus region; and is bordered by Turkey to the west, Georgia to the north, the Lachin corridor under a Russian peacekeeping force, and Azerbaijan to the east, and Iran and the Azerbaijani exclave of Nakhchivan to the south.

**Capital:** Yerevan

**President:** Armen Sargsyan

**Prime Minister:** Nikol Pashinyan

**Currency:** Dram

## India and Nepal review implementation of ongoing cross-border Railway links and overall bilateral cooperation in New Delhi 09 October' 21

India and Nepal reviewed implementation of ongoing cross-border railway links and overall bilateral cooperation in the railway sector in the 5th Joint Working Group and the 7th Project Steering Committee meetings in New Delhi.



Both sides signed the Standard Operating Procedures for start of passenger train services on the Jaynagar-Kurtha section and the Memorandum of Understanding for Final Location Survey of the proposed broad-gauge railway line between Raxaul and Kathmandu. The proposed Raxaul-Kathmandu broad gauge railway line will further boost connectivity between India and Nepal.

Both sides discussed the ongoing works of Jaynagar-Bijalpura-Bardibas and Jogbani-Biratnagar broad gauge railway lines between India and Nepal, being developed with grant assistance from Government of India.

The technical preparedness of the completed 34 km long section of the railway line, from Jaynagar in India to Kurtha in Nepal for operationalization of passenger train services was also reviewed. Both sides also agreed to expedite the work on completion of the 18.6 km long Jogbani-Biratnagar rail link, and its early operationalization.

The progress on Raxaul-Kathmandu Broad Gauge Railway Link and Phase-II railway link projects were also discussed.

## Second phase of Multilateral Maritime Exercise Malabar commenced on 12 October 2021 11 October' 21

Indian Navy has participated in the second phase of Multilateral Maritime Exercise Malabar along with the Japan Maritime Self Defence Force, Royal Australian Navy and the United States Navy. The exercise is being conducted in the Bay of Bengal from 12th to 15th of this month.

The national Mid-Day Meal Scheme in government and aided schools will now be known as PM POSHAN Scheme and will also cover students of balvatikas or pre primary classes.

## NEWS BITES | INTERNATIONAL

First Phase of the exercise was conducted in the Philippines Sea from 26th to 29th August.

The Indian Navy's participation includes INS Ranvijay, INS Satpura and a Submarine.



The US Navy has represented by the Aircraft Carrier "USS Carl Vinson" along with two destroyers, "USS Lake Champlain" and "USS Stockdale". The "Japan Maritime Self Defence Force" has represented by "JS Kaga" and "JS Murasame". The Royal Australian Navy has represented by "HMAS Ballarat" and "HMAS Sirius".

The Second Phase of the exercise would build upon the synergy, coordination and inter-operability developed during the First Phase of the exercise. It would focus on advanced surface and anti-submarine warfare exercises, seamanship evolutions and weapon firings.

The Malabar series of exercises, which began as an annual bilateral naval exercise between India and the US in 1992, has seen increasing scope and complexity over the years.

### Bangladesh to set up its second nuclear power plant: PM Sheikh Hasina 11 October '21

The government of Bangladesh is planning to set up its second nuclear power plant in the southern region of the country. Opening the installation work



of the reactor pressure vessel at the Rooppur nuclear power plant, Prime Minister Sheikh Hasina said that another power plant will be set up after the completion of the existing one for which the government is looking for a suitable space.

Rooppur is the first nuclear power plant of Bangladesh being built with financial and technological support from Russia. The 2400-megawatt Rooppur nuclear power plant is expected to become functional by 2024.

Prime Minister Hasina said that safety standards as mandated by the IAEA are being followed strictly at the nuclear power plant. She said a four-tier security measure has been put in place along with the latest and modern

technology for the safety of the nuclear power plant at Rooppur. Environmental pollution has also been taken care of at the power plant, said Sheikh Hasina.

Expressing the hope that the electricity from the power plant will reach people by 2024, Prime Minister Hasina said that new distribution lines are also being installed from the nuclear power plant.

India is assisting Bangladesh through a concessional line of credit worth about USD 1 billion in the construction of transmission line and power evacuation facility from the Rooppur nuclear power plant. During Prime Minister Narendra Modi's visit to Bangladesh in March this year, the foundation stone was laid for infrastructure development for power evacuation facilities from the Rooppur nuclear power plant.

### Cleric Moqtada al-Sadr's party 'biggest winner' in parliamentary election 12 October '21

In Iraq, Shi'ite Muslim cleric Moqtada al-Sadr's party is the biggest winner in an Iraqi parliamentary election. His party has increased the number of its seats from 54 in 2018 to 73 this time in the 329-member parliament, according to initial results.

However, with 94 percent of the ballot boxes counted, none of the competing political blocs appeared on track to win a majority in parliament and consequently name a Prime Minister. Kurdish parties have won 61 seats. Sunni parliament speaker Mohammed al-Halbousi's Taqaddum coalition won 38 seats. Former Prime Minister Nouri al-Maliki's State of Law coalition came third overall with 37. Sadr broadcast a live speech on state TV claiming victory and promising a nationalist government free of foreign interference. He said they welcome all embassies that do not interfere in Iraq's internal affairs.

Iraq's Shi'ite groups have dominated governments and government formation since the US-led invasion of 2003 that toppled Sunni dictator Saddam Hussein.

### Global Hunger Index ranks India at 101 out of 116 countries 16 October '21

The Global Hunger Index launched ranked India at 101 position out of a total 116 countries.

India is also among the 31 countries where hunger has been identified as serious.

India ranked 94 among 107 countries in the Global Hunger Index (GHI) released last year.



Only 15 countries fare worse than India.

India was also behind most of the neighbouring countries. Pakistan was placed at 92 rank, Nepal at 76 and Bangladesh also at 76.



Current projections based on the Global Hunger Index (GHI) show that the world as a whole — and 47 countries in particular — will fail to achieve even low hunger by 2030.

The Index tracks key indicators used to measure progress toward Zero Hunger by 2030 at national, regional, and global levels.

Based on the values of the four indicators - undernourishment, child wasting, child stunting and child mortality - the GHI determines hunger on a 100-point scale, where 0 is the best possible score (no hunger) and 100 is the worst.

GHI: Created in 2006, the GHI was initially published by the US-based International Food Policy Research Institute (IFPRI) and Germany-based Welthungerhilfe. In 2007, the Irish NGO Concern Worldwide also became a co-publisher.

## India, US, UAE and Israel discuss range of issues including maritime security during virtual meeting

18 October' 21

External Affairs Minister Dr. S. Jaishankar termed his first meeting with the Foreign Ministers of the US, UAE and Israel as fruitful. The Ministers discussed working together on economic growth and global issues and agreed on expeditious follow-up.



EMA of India with his Israeli counterpart Yair Lapid joined a virtual meeting with US Secretary of State Antony Blinken and UAE Foreign Minister Abdullah bin Zayed. The Ministers discussed a range of issues including climate change, energy cooperation maritime security, and expanding economic and political cooperation in the respective regions.

They also discussed future opportunities for collaboration in the region and also at the global level. India and Israel

agreed to recognise COVID-19 vaccination certificates of each other. After the talks with Israeli Foreign Minister, Dr. Jaishankar said, he had a very productive discussion on a wide range of regional and global issues.

He discussed resumption of Free Trade Agreement (FTA) negotiations between the two countries next month. Israel's joining the International Solar Alliance.

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.

## Indian Army wins gold medal at Cambrian Patrol Exercise in UK

19 October' 21

The Indian Army won a Gold Medal at the Cambrian Patrol Exercise held in the UK while competing against 96 teams representing Special Forces and regiments from around the world.

The Gorkha Rifles Frontier Force represented the Indian Army at the drill held at Brecon, Wales.

The event is considered the ultimate test of human endurance and team spirit and is considered the Olympics of Military Patrolling. The Indian Army team performed well in harsh terrain and inclement weather. These conditions added to the challenges of simulated situations to assess the reaction of the teams in a combat setting.

According to the Indian High Commission in London, the Indian Army team was lauded on its navigation skills, delivery of patrol orders and overall endurance for completing the patrol. In 2021, only three international patrols out of the 96 participating teams were awarded a gold medal.

## "Atmanirbhar Bharat corner" inaugurated in Sudan

20 October' 21

Minister of State for External Affairs V. Muraleedharan has inaugurated an "Atmanirbhar Bharat corner" at the premises of Indian Embassy Khartoum, in Sudan to showcase India's arts & handicrafts. Sudan to witness and appreciate India's arts & handicrafts. Interacted with the Indian community in Sudan and Sudanese who have graduated from India.

## NEWS BITES | INTERNATIONAL

He invited them to take part in "Azadi Ka Amrit Mahotsav". Mr. Muraleedharan also reiterated the Indian government's commitment for the welfare and wellbeing of Indian Diaspora. The minister is currently on a 5 day visit to Sudan and South Sudan. Azadi Ka Amrit Mahotsav is an initiative of the Government of India to celebrate and commemorate 75 years of progressive India and the glorious history of its people, culture and achievements.

This Mahotsav is dedicated to the people of India who have not only been instrumental in bringing India thus far in its evolutionary journey but also hold within them the power and potential to enable Prime Minister Modi's vision of activating India 2.0, fuelled by the spirit of Atmanirbhar Bharat.

Azadi ka Amrit Mahotsav is an embodiment of all that is progressive about India's socio-cultural, political and economic identity. The official journey of "Azadi ka Amrit Mahotsav" commences on 12th March, 2021 which starts a 75 week countdown to our 75th anniversary of Independence and will end post a year on 15th August, 2023.

**Sudan**, officially the Republic of the Sudan, is a country in Northeast Africa. Sudan borders Egypt to the north, Libya to the northwest, Chad to the west, the Central African Republic to the southwest, South Sudan to the south, Ethiopia to the southeast, Eritrea to the east, and the Red Sea to the northeast.

**Prime minister:** Abdalla Hamdok

**Capital:** Khartoum

**Currency:** Sudanese pound

### India, UK agree to strengthen climate initiatives & further their green partnership 23 October' 21

According to Union Minister of "Environment, Forest and Climate Change" Bhupender Yadav, that India and the UK have agreed to "strengthen climate initiatives" and further their green partnership.

The UK will host the 26th "Conference of Parties" (COP26) to the "United Nations Framework Convention on Climate Change" (UNFCCC) in Glasgow from 31st October to 12th November 2021.

The Union Minister assured India's full support to the UK COP Presidency for its meaningful outcome. During the

meeting, both sides discussed crucial issues like COP26, initiatives, India UK Roadmap-bilateral cooperation, Commonwealth Declaration on Climate Change as well as other related issues. The huge expectations in COP 26 include arriving at a consensus on unresolved issues of the Paris Agreement Rule Book, long-term climate finance and market-based mechanisms.

India welcomes the UK COP 26 Presidency's five key initiatives on sustainable land use, energy transition, low emission vehicle transition, climate finance, and adaptation. Both sides also agreed to explore ways and means to strengthen global climate initiatives including the International Solar Alliance, Coalition Disaster Resilient Infrastructure and Call for Action on Adaptation and Resilience and Mission Innovation.

### India hands over Jaynagar-Kurtha cross-border rail link to Nepal government 27 October' 21

India handed over 34.9 km long cross-border rail link connecting Jaynagar in Bihar to Kurtha in Nepal to Nepal government. The handing over ceremony took place in the presence of Nepal minister for physical Infrastructure and transport Renu Kumari Yadav and Indian ambassador to Nepal Vinay M Kwatra. The Jaynagar - Kurtha section is part of the 68.7 km Jaynagar - Bijalpura- Bardidas rail link built under the Government of India's grant assistance programme.

Under the grant assistance of India, the gauge conversion of 34.9 km narrow gauge, from Jaynagar in India to Kurtha in Nepal, has now been completed. Railway Sources said once operationalised the cross-border rail link is expected to enhance trade and commerce activities as well as people to people linkage between the two countries.

Indian Railways is a statutory body under the jurisdiction of Ministry of Railways, Government of India that operates India's national railway system. It manages the fourth-largest railway network in the world by size, with a route length of 67,956 km as of 31 March 2020.

**Headquarters:** New Delhi

**Founded:** 16 April 1853, India

**Nepal** is a landlocked country in South Asia. Nepal has a diverse geography, including fertile plains, subalpine forested hills, and eight of the world's ten tallest mountains, including Mount Everest, the highest point on Earth. Kathmandu is the nation's capital and the largest city.

**Capital:** Kathmandu

**Currency:** Nepalese rupee

**President:** Bidhya Devi Bhandari

**Prime minister:** Sher Bahadur Deuba



**Burning Topics of the Month**

**IMF says India will be fastest growing economy; expects 9.5 % growth this year.**

**Tata Sons wins bid for acquiring national carrier Air India.**

**Economist Gita Gopinath to leave IMF in January 2022.**

**& Many More...**

**India Pavilion at Dubai Expo 2020 launched through video conferencing**  
04 October' 21

Minister Narendra Modi has invited global investors to invest in India and be a part of India's growth story. Sharing his remarks at the launch of India Pavilion at Dubai Expo 2020 through video conferencing, Mr Modi said, India is a land of opportunities, be it in the field of arts and commerce, industry or academia.

He said, over the last seven years, the Government of India has undertaken several reforms to boost economic growth and it will keep doing more to continue this trend.

Prime Minister said, the main theme of Expo is Connecting Minds, Creating the Future. He said, the spirit of this theme is also seen in India's efforts as we move ahead to create a New India.

Referring to the theme of India's pavilion Openness, Opportunity and Growth, the Prime Minister stressed that today's India is one of the most open countries in the world, open to learning, open to perspectives, open to innovation and open to investment.

Talking about the vibrancy and diversity of India, Mr Modi said that India is a powerhouse of talent and remarked that India is making many advances in the world of technology, research and innovation.

He said, India's economic growth is powered by a combination of legacy industries and start-ups. India's pavilion will showcase the best of India across these multiple areas.

Mr Modi called the Expo historic and said that it is the first one to be held in the Middle East, Africa and South Asia region. Prime Minister said, the Expo will go a long way in further building our deep and historical relations with UAE, and with Dubai.

**India exports first consignment of Jackfruit, Passion fruit and Nutmeg products to Australia**  
07 October' 21

Agricultural and Processed Food Products Export Development Authority (APEDA) has facilitated exports of the first consignment of various value-added and nutri-rich products derived from jackfruit, Passion fruit and Nutmeg sourced from farmers in Thrissur, Kerala to Melbourne, Australia.



These products have a shelf-life of more than one year. APEDA is promoting exports of value-added and health products as part of Prime Minister Narendra Modi's aim for achieving 400-billion-dollar merchandise exports by 2021-22.

In the current fast-food era, consumers' preference is shifting towards healthy food. The gluten-free products prepared from healthy options like Jackfruit and Passion fruit are providing a viable alternative against the consumption of fast food.

Jackfruit, originated in Western Ghats, was declared the State Fruit of Kerala in March, 2018. The largest tree-borne fruit is dense in fiber, protein, vitamins and minerals. The tropical fruit is the popular meat substitute among vegans due to its protein content. In addition to the use of fruit, seed and pulp, Jackfruit leaves, bark, inflorescence and latex are used in traditional medicines too.

Agriculture and processed food production export Development Authority is an apex body that promotes export trade of agricultural products in India. Set-up by the ministry of Commerce and Industry, Government of India,



## NEWS BITES | ECONOMY

APEDA was formed under the act passed by parliament in December 1985.

**Founded:** 13 February 1986

**Headquarters:** New Delhi

**Purpose:** Export promotion of agricultural and processed food products

**Parent organization:** Ministry of Commerce and Industry, Government of India

### IMF says India will be fastest growing economy; expects 9.5 % growth this year 13 October' 21

International Monetary Fund (IMF) has projected that India will continue to be the world's fastest growing major economy, clocking a growth rate of 9.5 per cent in 2021. As per latest IMF projections, Indian economy will grow at 8.5 percent in 2022. The world economy is expected to grow at 5.9 per cent in 2021 and 4.9 per cent in 2022, according to IMF.

The United States is projected to grow at six per cent this year and 5.2 per cent the next year. China, on the other hand, is projected to grow at 8 per cent in 2021 and 5.6 per cent in 2022. IMF said, global recovery continues, but the momentum has weakened and uncertainty has increased.

The International Monetary Fund (IMF) is an international financial institution, headquartered in Washington, DC, consisting of 190 countries. It is working to foster global monetary cooperation, secure financial stability, facilitate international trade, promote high employment and sustainable economic growth and reduce poverty around the world. It formed in 1944 and started on 27 December 1945 at the Bretton Woods Conference.

Special drawing rights- Special drawing rights are supplementary foreign exchange reserve assets defined and maintained by the International Monetary Fund. SDRs are units of account for the IMF, and not a currency per se. They represent a claim to currency held by IMF member countries for which they may be exchanged.

### Piyush Goyal calls for IPR waiver in G20, dismantling trade barriers in global fight against COVID-19 pandemic 13 October' 21

Commerce and Industry Minister Piyush Goyal has called for waiver of Intellectual Property Rights and dismantling new trade barriers in the global fight against the COVID19 pandemic. He was addressing

the G20 Trade and Investment Ministerial Meeting in Italy. Mr. Goyal also called for actively resolving new trade barriers like vaccine differentiations or COVID passports, which impose mobility restrictions and impede the movement of personnel needed for delivering critical services.



Underlining the need for an equitable and balanced outcome to the trade negotiations in the Fisheries sector, Mr. Goyal advocated that countries engaged in distant water fishing should stop subsidizing their fishing in high seas and gradually reduce the fishing capacities, particularly for over-fished stocks. The Minister said that India is among the few countries which is on track to exceed its commitments as per the Paris Agreement. He urged developed countries to fulfil their commitments regarding Transfer of Technology and Climate Finance.

### Tea exports down by 14 per cent in first seven months of 2021 17 October' 21

Exports of tea from India registered a fall of around 14.4 per cent in the first seven months of 2021 as compared to the same period 2020.



According to Tea Board data, Total exports of the beverage during January to July of 2021 was 100.78 million kilograms as against 117.56 million kilograms in the same period of 2020.

Though the CIS block remained the largest importer of tea at 24.14 million kilograms, down from 30.53 million kilograms in the previous similar period.

Though shipments to Iran was substantially down due to the sanctions, the Persian country imported 12.63 million kilograms in the first seven months of 2021, as against 21 million kilograms in 2020.

Exports to China were also lower at 3.29 million kilograms from 5.74 million kilograms in the first seven months of 2020.



Offtake by UK was also less during the period, the data showed at 3.12 million kilograms in the current period.

The only exceptions are USA and UAE where exports registered an increase this period of 2021.

Secretary-general of India Tea Association (ITA): Arijit Raha said that this is because exports to Iran, which was once a big buyer of Indian tea, was lower due to the sanctions by the US.

The other prime reason is non-availability of shipping containers which have become very expensive during the COVID times.

The value of tea exports in the first seven months of this year was higher at Rs 2,735 crore as against Rs 2,635 crore in the previous similar period.

**The Indian Tea Association:** is a trade association of Indian tea producers.

**Founded:** 1881

**Head office:** Kolkata (Calcutta)

## Tata Sons wins bid for acquiring national carrier Air India

19 October' 21

**T**ata Sons group has won the bid for acquiring national carrier Air India. Tata Sons made a winning bid of 18,000 crore rupees for Air India. Talace Private Ltd,



which is a wholly owned subsidiary Tata Sons has emerged as successful bidder for acquiring Air India beating a Consortium led by Ajay Singh whose bid was 15,100 crore rupees. Both the bidders had quoted above the reserve price of 12,906 crore rupees.

Department of Investment and Public Asset Management, DIPAM Secretary Tuhin Kanta Pandey while addressing a press conference in New Delhi said that the winning bid comprises of taking over of 15,300 crore rupees debt and paying rest by cash. He added that apart from 100 per cent stake in Air India and its low-cost arm, Air India Express, the winning bid also includes a 50 per cent stake in ground-handling company Air India SATS Airport Services Private Limited, AISATS. He said, the transaction is expected to be completed by December 2021.

The process for disinvestment of Air India and its subsidiaries commenced in June 2017 with the 'in-principle'

approval of Cabinet Committee of Economic Affairs. The first round did not elicit any Expression of Interest. The process re-commenced on 27 January 2020.

Tata Group had earlier run Air India before it was nationalised. The Tata Group-Air India relationship went back to 1932 when legendary industrialist Jehangir Ratanji Dadabhoy had launched the national carrier. The Central government soon took interest in Air India and bought 49 per cent stake in it. With the Air Corporations Act in 1953, the government took over the company from Tata Sons and nationalised it. Now, in view of mounting debt, the Union government once again had invited bids for strategic disinvestment of 100 per cent stake of the government in the airline last year.

## RBI imposes penalty of one crore on SBI, 1.95 crore on Standard Chartered Bank

20 October' 21

**T**he Reserve Bank of India has imposed a monetary penalty of one crore rupees on the State Bank of India and 1.95 crore rupees on Standard Chartered Bank.



According to different notifications issued by RBI, State Bank has been penalised for violating norms related to delay in reporting of fraud while Standard Chartered Bank has been penalised for violating norms related to customer protection and cyber security framework.

Standard Chartered Bank had shown deficiencies while crediting back the amount involved in unauthorised electronic transactions, not reporting cyber security incidents within the prescribed time period, authorising the direct sales agents to conduct KYC verification and failure to ensure integrity and quality of data submitted in "Central Repository of Information on Large Credits".

The action is based on the deficiencies in regulatory compliance and is not intended to pronounce upon the validity of any transaction or agreement entered by the bank with its customers.

**Standard Chartered plc** is a British multinational banking and financial services company headquartered in London, England. It operates a network of more than 1,200 branches and outlets across more than 70 countries and employs around 87,000 people.

**CEO:** Bill Winters

The Adani Renewable Energy (MH) Limited (AREMHL), a wholly-owned subsidiary of Adani Green Energy Ltd (AGEL), will acquire a 40MW operating solar project in Odisha.

**Founded:** 1969, London, United Kingdom

**Founders:** Chartered Bank of India, Australia and China, Standard Bank

## Global Hunger Index | only 3.9% children malnourished, says government 23 October '21

The value of a key indicator used in the Global Hunger Index is 'inflated' as there are only 3.9% anganwadi children found to be undernourished, the Government said.



"The real time data of beneficiaries registered on the Anganwadi platform include 7.79 crore children aged between 6 months to 6 years as per real-time Poshan Tracker data. Corresponding number of undernourished children reported on Poshan Tracker is 30.27 lakh which comes to only 3.9%," according to a reply from the Ministry of Women and Child Development, "Global Hunger Index not based on an opinion poll", published on October 17.

The GHI 2021 ranked India at 101 position out of 116 countries. The index is based on four indicators — under-nourishment, wasting, stunting and under-five mortality. Of these, India's performance is shown to deteriorate only for undernourishment, which is what the Government has challenged. According to FAO's data, which is used in the Index, the prevalence of undernourishment in India rose from 14% in 2017-2019 to 15.3% in 2018-2020 which the Government has called exaggerated.

The Global Hunger Index is a tool that measures and tracks hunger globally as well as by region and by country, prepared by European NGOs of Concern Worldwide and Welthungerhilfe. The GHI is calculated annually, and its results appear in a report issued in October each year.

## Economist Gita Gopinath to leave IMF in January 2022 25 October '21

The International Monetary Fund's Chief Economist and Director of the Research Department, Gita Gopinath will leave the organisation in January 2022. She will return to Harvard University's economics department. She was on public service leave during her tenure at the organisation, and the leave will end in January 2022. Gopinath, during her tenure, co-authored the "Pandemic Paper", a document that set globally endorsed targets for vaccinating the world against Covid-19, the IMF said.

Harvard had extended Gopinath's leave by one year as an exceptional case, which allowed her to serve as the chief economist at the IMF for three years. IMF Managing Director Kristalina Georgieva said Gopinath's contribution to the fund was "truly remarkable".

**Important takeaways for all competitive exams:**

**IMF Headquarters:** Washington, D.C. U.S;

**IMF Managing Director and Chairman:** Kristalina Georgieva.

**Gita Gopinath-** Gita Gopinath has been the Chief Economist of the International Monetary Fund since 2019. In that role she is the Director of IMF's Research Department and the Economic Counsellor of the Fund.

She is on leave of public service from the economics department of Harvard University where she is the John Zwaanstra Professor of International Studies and Economics. She is also a co-director of the International Finance and Macroeconomics program at the National Bureau of Economic Research and has worked as the Economic Adviser to the Chief Minister of Kerala.

Gopinath was appointed as Chief Economist of the International Monetary Fund in October 2018. In an interview with Trevor Noah on The Daily Show, she named the worldwide recession of 2020 as "The Great Lockdown."

**Burning Topics of the Month**

**Rohit Sharma Becomes First Indian Batsman To Hit 400 Sixes In T20 Cricket.**

**Chennai Super Kings beat Kolkata Knight Riders to win its 4th IPL title.**

**India beat Nepal 3-0 to clinch SAFF Championship title for 8th time.**

**& Many More...**

### Asian Championships: India ends campaign with two bronze medals in men's doubles 03 October '21

Two Indian pairs of Sharath Kamal and G Sathiyan and Harmeet Desai and Manav Thakkar won bronze medals in men's doubles at the 2021 ITTF-ATTU (International Table Tennis Federation - Asian Table Tennis Federation) Asian Championships here.



Eighth-seeded Harmeet and Manav lost 4-11, 6-11, 12-10, 11-9, 8-11 to fifth seeds Woojin Jung and Jonghoon Lim of South Korea in 44 minutes in the first semi-final.

The sixth seeded pair of Sharath and Sathiyan gave a tough fight to the Japanese pair of Yukiya Uda and Shunsuke Togami but lost the match 5-11, 9-11, 11-13 in 33 minutes.

Even after losing both the semi-final matches, the Indian men created history in the Asian Championships. They won the bronze medal in the team event for the first time last week and now both the pairs have bagged a bronze medal each in the doubles category.

Harmeet and Manav were trailing 0-2 after the first two games but they bounced back in the match after winning the third game 12-10 and the fourth game 11-9.

The Indian pair was at one point leading 6-4 in the decider but the experienced Korean pair took the lead after leveling the score at 6-6 to win the game 11-8.

Sharath and Sathiyan lost the first game easily but then gave a tough fight to the Japanese players in the second

and third games. The Japanese pair, however, managed to win the match by winning both the games by a close margin.

### Hockey India withdraws from 2022 Commonwealth Games citing discriminatory quarantine rules 04 October '21

Hockey India has pulled out of next year's Birmingham Commonwealth Games citing Covid-19 concerns and UK's discriminatory quarantine rules for travellers from India.



The move comes a day after England withdrew from the Men's Junior Hockey World Cup in Bhubaneswar over similar reasons.

Hockey India President Gyanandro Ningombam communicated the federation's decision to Indian Olympic Association (IOA) President Narinder Batra in a letter.

According to Hockey India, there is only a 32-day window available between the Commonwealth Games (July 28-August 8) and the Hangzhou Asian Games (September 10-25).

It can't risk sending its players to the UK, which has been one of the worst affected by the coronavirus pandemic.

Ningombam wrote, the Asian games is the Continental qualification event for the 2024 Paris Olympic Games and keeping the priority of the Asian Games in mind, Hockey India cannot risk any members of the Indian teams contracting Covid-19 during the Commonwealth Games.

Indian-American financial expert Rohit Chopra was confirmed by the Senate to be the next director of the Consumer Financial Protection Bureau (CFPB).



## NEWS BITES | SPORTS

**Hockey India:** directs and conducts all activities for both men and women's hockey in India. It is recognized by the Ministry of Youth Affairs & Sports, Govt. of India as the sole body responsible towards promoting Hockey in India.

**Headquartered in New Delhi,** Hockey India was established on 20 May 2009 and is affiliated to the International Hockey Federation (FIH), the Indian Olympic Association (IOA) and Asian Hockey Federation (AHF).

### Rohit Sharma Becomes First Indian Batsman To Hit 400 Sixes In T20 Cricket 05 October' 21

**M**umbai Indians (MI) skipper Rohit Sharma added yet another feat to his name as he became the first Indian batsman to hit 400 sixes in T20 cricket.



The 34-year-old achieved the milestone against Rajasthan Royals (RR) in Match 51 of Indian Premier League (IPL) 2021 in Sharjah.

Apart from Rohit, no other Indian batsman has managed to hit more than 350 sixes in the shortest format.

CSK batsman Suresh Raina (325) is the second Indian on the list of most sixes, followed by Royal Challengers Bangalore (RCB) captain Virat Kohli (320) and Chennai Super Kings captain MS Dhoni (304).

Out of the 400 sixes, Rohit has hits 133 for the national team and 227 in the IPL. He had hit 16 sixes in the Champions League T20 and another 24 sixes in other T20s. In the list of most sixes in T20s, veteran West Indies batsman Chris Gayle leads the tally with a mammoth total of 1042 sixes.

Gayle is the only batsman in the history of the format to hit more than 1000 sixes. Current West Indies limited-overs captain Kieron Pollard (758) is second in the list followed by Andre Russell (510), Brendon McCullum (485), Shane Watson (467) and AB de Villiers (434).

### 5 Arunachal Pradesh's female shuttlers selected for World Senior Badminton Championship 07 October' 21

**F**ive female shuttlers from the state have been selected for World Senior Badminton Championship organised by the Badminton World Federation (BWF), and

scheduled to be held in Huelva, Spain from 28 November to 4 December 2021.

They are Boni Yapu (39), Pema Ladon (46), Taw Yania (45), Yase Bagang (37) and Mepung Pangia (42).



The Arunachal State Badminton Association (ASBA) felicitated the women in the MLA Cottage badminton stadium.

The ASBA informed that the selection for the world championship was held in Navelim, Goa from September 19 to 26.

Around 20,000 players from nooks and corners of the country participated in the selection tournament in which these five female athletes were selected from Arunachal Pradesh.

According to Olympic Association of Arunachal Chairman Bamang Tago, "the ASBA will provide assistance in training so that they can be prepared for the world tournament."

The BWF World Senior Championships: is a badminton tournament sanctioned by Badminton World Federation (BWF). The winners will be crowned as the "World Senior Champions" and awarded gold medals. However, it does not offer any prize money. The tournament started in 2003 and being held biennially.

### Olympic gold medallist Neeraj Chopra's javelin receives highest bid of Rs 1.5 cr in e-auction of prestigious gifts and mementos presented to PM Modi 08 October' 21

**O**lympic gold medalist Neeraj Chopra's javelin has received highest bid of 1.5 crore rupees in e-auction of prestigious gifts and mementos presented to Prime Minister Narendra Modi.



The third round of e-auction was held from 17th of September to 7th of October. The proceeds of the e-auction of prestigious gifts and mementos presented to the Prime

Minister go to the Namami Gange Mission. Mr Narendra Modi is the first ever Prime Minister to auction all the gifts he has received for conserving and rejuvenating Ganga River. A total of 1348 mementos were put up for e-auction in this third round, which has evoked a huge interest among the public.

The highlight items of this round of e-auction included the sports memorabilia of the medal winning Tokyo 2020 Paralympic Games and the Tokyo 2020 Olympic Games, models of Ayodhya Ram Mandir, Varanasi's Rudraksh auditorium and many other precious and interesting collectibles. More than 8600 bids were received for the items.

### Anshu Malik created history, becomes first Indian woman to win silver medal in World Wrestling Championships 10 October '21

Indian grappler Anshu Malik has scripted history as she became the first Indian woman to win a silver medal in the World Wrestling Championships 2021.



Anshu lost to Olympic medallist Helen Maroulis of the USA 4-1 in the summit clash of women's 57 kg category at Oslo in Norway. Maroulis won the gold medal after her splendid show. Anshu Malik is a two-time Asian Championship medalist, which includes gold and a Ranking Series silver medalist.

India's Sarita Mor, a two-time Asian champion, won a bronze medal in the women's 59 kilogram category after beating Sweden's Sara Lindborg 8-2 in the playoff. Previously, only five Indian women had won bronze at the world championships.

**The World Wrestling Championships:** 2021 is the 17th edition of the World Wrestling Championships of combined events and is held from 2 to 10 October 2021 in Oslo, Norway.

**The World Wrestling Championships:** are the Amateur Wrestling World Championships organized by the United World Wrestling.

The Men's Greco-Roman Wrestling tournament began in 1904, and the Men's Freestyle Wrestling tournament began in 1951. The Women's Freestyle championships were first staged in 1987.

**Norway:** is a Nordic country in Northern Europe whose mainland territory comprises the western and northernmost portion of the Scandinavian Peninsula.

**Capital:** Oslo

**Monarch:** Harald V

**Prime Minister:** Erna Solberg

**Currency:** Norwegian krone

### Sports Minister Anurag Thakur launches Delhi Hockey Weekend League 2021-22 14 October '21

Youth Affairs and Sports Minister

Anurag Thakur launched the Delhi Hockey Weekend League 2021-22 which is taking place at the iconic Major Dhyan Chand National Stadium.



According to Sport Minister, the success of the Men's team and Women's team in the Tokyo Olympics has given a new lease of life to Hockey as a sport in India. There is no dearth of talent in the country. The Minister congratulated Delhi Hockey for this initiative which will help induct more talent at the grassroots.

The government aims to nurture grassroots talent towards global excellence.

Training and competitions are equally important as they boost the morale of athletes.

The Hockey League, which is being organised by the Sports Authority of India in association with the Delhi Hockey Federation, will have a total of 36 teams competing for the trophy and more teams can also participate in later stages.

The event starts 10 October 2021 and over every weekend four matches will be played.

The Major Dhyan Chand National Stadium commonly known by its former name, National Stadium is a field hockey stadium in New Delhi, India. The stadium is named after former Indian field hockey player, Dhyan Chand. It served as the venue for the 1st Asian Games in 1951.

**Opened:** 1933

### Chennai Super Kings beat Kolkata Knight Riders to win its 4th IPL title 16 October '21

Chennai Super Kings beat Kolkata Knight Riders by 27 runs to win its fourth IPL title in Dubai.

Put into bat first, Chennai posted a massive total

Vice Admiral Adhir Arora, NM has taken charge as the Chief Hydrographer to the Govt of India from Vice Admiral Vinay Badhwar, AVSM, NM who superannuated.

## NEWS BITES | SPORTS

of 192 for the loss of three wickets in the stipulated 20 overs riding on Faf du Plessis' 86 off 59 and Moeen Ali's unbeaten 37 off 20 balls. For Kolkata, Sunil Narine scapled two wickets.



In reply, Kolkata could score only 165 runs for nine wickets in 20 overs with the help of Shubman Gill's 51 off 43 and Venkatesh Iyer's 50 off 32 balls. For Chennai, Shardul Thakur picked up three wickets while Josh Hazlewood and Ravindra Jadeja took two wickets apiece.

Faf du Plessis wins the Man of the Match award for smashing a knock of 86 in 59 balls for Chennai.

Ruturaj Gaikwad who scored 32 off 27 deliveries in the final clash, has won the Orange Cap for scoring highest run with 635 runs from 16 matches in this edition of IPL. While Du Plessis finished the campaign as the second-highest run scorer of the the season with 633 off 16 games.

The Purple Cap goes to RCB's Harshal Patel, who has registered 32 wickets in 15 games in this IPL season.

MS Dhoni led Chennai lift the IPL trophy for the fourth time, having previously won the tournament in 2010, 2011, and 2018.

**The Indian Premier League (IPL):** is a professional Twenty20 cricket league, contested by eight teams based out of eight Indian cities. The league was founded by the Board of Control for Cricket in India (BCCI) in 2007.

**First edition:** 2008

**Fourteenth edition:** 2021

**Number of teams:** 8

**The venue of Fourteenth edition:** the United Arab Emirates

**Chairman:** Brijesh Patel

**Honorary Secretary:** Jay Shah

### India beat Nepal 3-0 to clinch SAFF Championship title for 8th time 20 October' 21

**I**ndia clinched the South Asian Football Federation (SAFF) Championship for eighth time defeating Nepal 3-0 in Male.

India dominated possession in the first-half but they failed to score any goal.

However, captain Chhetri put India ahead minutes into the second half and even before Nepal could settle down, Suresh made it 2-0.

Sahal made it 3-0 when he tricked a few defenders after receiving the ball on the left flank at the stroke of the final whistle Chhetri's goal in the final game helped him level with Lionel Messi on 80 international goals.



Notably, this is the Indian football team's first title victory under head coach Igor Stimac. The final was the 12th for India in 13 editions, which also shows their domination in this regional tournament.

**South Asian Football Federation**, founded in 1997, is an association of the football playing nations in South Asia and is part of the larger Asian Football Confederation. The SAFF was founded in 1997, with Bangladesh, India, the Maldives, Nepal, Pakistan, and Sri Lanka. In 2000, they expanded to 7 members, adding Bhutan. In 2005, Afghanistan joined too, but later, left in 2015, to join then newly formed Central Asian Football Association. The current members are Bangladesh, Bhutan, India, Maldives, Nepal, Pakistan and Sri Lanka.

**Founded:** 1997

**Headquarters:** Dhaka, Bangladesh

**President:** Kazi Salahuddin

### Bhavani Devi wins fencing competition in France 25 October' 21

**F**encer Bhavani Devi, who made history at the Tokyo Olympics by becoming the first Indian to compete in the sport at the Games, has won the Charlellville National Competition in France in the individual women's sabre event.



She tweeted after winning the competition, "Won the Charlellville National Competition, France in the Women's Sabre individual. Many thanks to Coach Christian Bauer, Arnaud Schneider, and all teammates. Congratulations to all for a great start of the season".



At the Tokyo Olympics, she won her round of 64 match 15-3 against Tunisia's Nadia Ben Azizi before going down to eventual bronze-medallist, Manon Brunet of France in the round of 32.

She is currently ranked 50th in the world and is the top-ranked fencer from India. She is eyeing a good show at the 2022 Asian Games and has started preparing for the multi-discipline sporting extravaganza.

Fencing is a group of three related combat sports. The three disciplines in modern fencing are the foil, the épée, and the sabre; winning points are made through the weapon's contact with an opponent. A fourth discipline, singlestick, appeared in the 1904 Olympics but was dropped after that, and is not a part of modern fencing. Fencing was one of the first sports to be played in the Olympics. Based on the traditional skills of swordsmanship, the modern sport arose at the end of the 19th century, with the Italian school having modified the historical European martial art of classical fencing, and the French school later refining the Italian system.

Competitive fencing is one of the five activities which have been featured in every modern Olympic Games, the other four being athletics, cycling, swimming, and gymnastics.

### Ahmedabad and Lucknow are the two new teams of the IPL

27 October' 21

Ahmedabad and Lucknow are the two new teams that will be part of the Indian Premier League (IPL) from 2022. Hence taking the total number of teams in the competition to ten. RP-Sanjiv Goenka Group (RPSG) is the owner of the Lucknow team while CVC Capital Partners is the owner of the Ahmedabad team.

RPSG group has won the bid for Lucknow at Rs. 7090 crore, while CVC Capitals a.k.a Irelia has won the bid for Ahmedabad at Rs. 5625 crore. The IPL's first season was played in 2008. There have been fourteen seasons of the IPL tournament. The 15th season will see 10 teams competing for the IPL title.

The Indian Premier League (IPL): is a professional Twenty20 cricket league, contested by ten teams based out of Ten Indian Cities. The league was founded by the

Board of Control for Cricket in India (BCCI) in 2007. It is usually held between March and May of every year and has an exclusive window in the ICC Future Tours Programme.

There have been fourteen seasons of the IPL tournament. The current IPL title holders are the Chennai Super Kings, who won the 2021 season.

**Administrator:** BCCI

**Format:** Twenty20

**First edition:** 2008

**Latest edition:** 2021

**Number of teams:** 10

### J&K team for deaf clinches 1st position in World Deaf Judo Championship

30 October' 21

Another shot in the arm of J&K sports performance, the J&K team for deaf clinched 1st position in World Deaf Judo Championship held at Paris Versailles, France. Rakshanda Mehak who is part of the Indian team for the deaf clinched the bronze medal by defeating the South Korean team in the semifinal.

Congratulating the winning team, Advisor to Lieutenant Governor Farooq Khan, complimenting the coach Suraj Bhan Singh for training the athletes, said that they have not brought laurels to the nation and are giving a tough competition to the international athletes.

Worth to mentioning, our National Girls team has won a bronze medal while Nirchara Umed of Haryana is below 57 KG category, Divya Tiwari of Uttar Pradesh is below 52 KG category and Rakshanda Mehak of J&K have added one more feather in the crown. The championship was held at Versailles, France from 26-30th October 2021 and the team is scheduled to arrive back to Jammu from Delhi Today.

The Advisor said J&K Government is duty-bound in its promise to take J&K sports to the pinnacle of performance and scale new heights in the world sports arena. He also remarked that more and more modern-day facilities are being added to train our athletes in the proper manner and day is not far away when our athletes will be considered second to none both nationally as well as internationally.

## Burning Topics of the Month

**UAE plans new space mission to explore Venus on its way to observe seven Asteroids in 2028.**

**Russian crew to shoot first movie in space.**

**Life on Mars: simulating Red Planet base in Israeli desert.**

**& Many More...**

### A planet orbiting three suns discovered for the first time in distant universe 04 October' 21

One Sun is plenty for our solar system, but some planets have been found orbiting two stars at once. Now the ante has been upped again, with



evidence emerging of a planet orbiting three stars at once. It is surrounded by a huge disk of dust and gas, a common feature of young star systems that are forming planets. But fascinatingly, it is a system with not one star, but three. The scientists published their study on September 17, 2021, in the peer-reviewed journal *Monthly Notices of the Royal Astronomical Society*. "The circumtriple planet" or planets, if they exist, lie about 1,300 light-years away from us. Scientists have seen protoplanetary disks around stars before. And in 2018, they captured the first image of a planet forming in a protoplanetary disk. GW Ori's protoplanetary disk is different, because it surrounds not one but three stars, and has a warped, ringed structure with a big gap.

The universe is all of space and time and their contents, including planets, stars, galaxies, and all other forms of matter and energy. The Big Bang theory is the prevailing cosmological description of the development of the universe. According to estimation of this theory, space and time emerged together 13.799±0.021 billion years ago, and the universe has been expanding ever since. While the spatial size of the entire universe is unknown, the cosmic inflation equation indicates that it must have a minimum diameter of 23 trillion light years, and it is possible to

measure the size of the observable universe, which is approximately 93 billion light-years in diameter at the present day.

A planet is an astronomical body orbiting a star or stellar remnant that is massive enough to be rounded by its own gravity, is not massive enough to cause thermonuclear fusion, and – according to the International Astronomical Union but not all planetary scientists – has cleared its neighbouring region of planetesimals.

### Global warming kills 14 percent of world's corals in 10 years 05 October' 21

Global warming helped wipe out 14 percent of the world's coral reefs between 2009 and 2018, the largest-ever survey of coral health has found, warning that more of the vibrant underwater ecosystems were likely to die if oceans warm further.



Corals in South Asia and the Pacific, around the Arabian Peninsula, and off the coast of Australia, were the hardest hit, according to the report which was released, compiled by more than 300 scientists in the Global Coral Reef Monitoring Network.

The report spanned data for 40 years, 73 countries and 12,000 sites and found the total area destroyed equal to about 11,700 square kilometres (4,517 square miles).

According to co-author Paul Hardisty, the chief executive of the Australian Institute of Marine Science, "Climate change is the biggest threat to the world's reefs." Coral reefs cover only 0.2 percent of the ocean floor, but they are

home to at least a quarter of all marine animals and plants. Besides anchoring marine ecosystems, they also provide food, protection from storms and shoreline erosion and jobs for hundreds of millions of people worldwide.

The study looked at 10 coral reef-bearing regions around the world and found that reef loss was mainly the result of coral bleaching, but also overfishing, unsustainable coastal development and declining water quality.

According to Hardisty, "There are clearly unsettling trends toward coral loss, and we can expect these to continue as warming persists,".

Oceans absorb more than 90 percent of the excess heat from greenhouse gas emissions and bleaching takes place when corals, under stress from warmer water, expel the colourful algae living in their tissues and turn white.

**Global warming:** the phenomenon of increasing average air temperatures near the surface of Earth over the past one to two centuries. Climate scientists have since the mid-20th century gathered detailed observations of various weather phenomena (such as temperatures, precipitation, and storms) and of related influences on climate (such as ocean currents and the atmosphere's chemical composition).

**Corals:** are marine invertebrates within the class Anthozoa of the phylum Cnidaria. They typically form compact colonies of many identical individual polyps. Coral species include the important reef builders that inhabit tropical oceans and secrete calcium carbonate to form a hard skeleton.

## UAE plans new space mission to explore Venus on its way to observe seven Asteroids in 2028 06 October' 21

After becoming the first Arab country to reach Mars, the United Arab Emirates (UAE) Space Agency has announced that it will explore the planet Venus by the end of this decade, aiming to ultimately land on an asteroid.

In order to give wings to their dream, UAE will build a spacecraft for the mission which will take seven years to build and will tentatively launch by 2028. The UAE hopes the spacecraft will land on an asteroid in 2033.

This mission is seen as an ambitious target by the UAE as it founded its space agency a few years ago, in 2014.



If this mission stands successful, the UAE Space Agency would join NASA, Japan's space agency JAXA and the European Space Agency (ESA) in landing a vehicle on a planetoid.

This mission by the United Arab Emirates will be developed in accordance with the Laboratory for Atmospheric and Space Physics at the University of Colorado, Boulder. It aims to embark on a 3.6 billion kilometre journey, one that is seven times longer than that of the UAE's Hope probe that reached Mars in February 2021.

**The United Arab Emirates:** is a country in Western Asia located at the eastern end of the Arabian Peninsula. It borders Oman and Saudi Arabia, and has maritime borders in the Persian Gulf with Qatar and Iran.

**Capital:** Abu Dhabi

**President:** Khalifa bin Zayed Al Nahyan

**The Prime Minister:** Sheikh Mohammed bin Rashid Al Maktoum

**Currency:** UAE dirham

## Russian crew to shoot first movie in space 07 October' 21

Russian actress Julia Peresild, Director Klim Shipenko and cosmonaut Anton Shkaplerov set off for the International Space Station (ISS) to shoot for a movie



in space. The film titled "The Challenge" is about a medical emergency in orbit. Peresild and Shipenko plan to spend 12 days aboard the space station, filming in the Russian segment of the lab before returning to Earth in "the Soyuz MS-18" spacecraft with Oleg Novitskiy (cosmonaut), who will be wrapping up a 190-day mission.

With Shkaplerov at the controls, flanked on the left by Shipenko and on the right by Peresild, "the Soyuz MS-19/65S" spacecraft atop a "Soyuz 2.1a" rocket launched from Site 31 at the Baikonur Cosmodrome in Kazakhstan.

In "The Challenge", Peresild will play a Russian doctor sent to the station to treat a critically ill cosmonaut. Shkaplerov, Novitskiy and Pyotr Dubrov (cosmonaut) will assist and presumably play small roles in the drama. Shipenko will be responsible for lighting, makeup and camera operation. The movie is a joint project between Roscosmos, the state-owned Channel One Russia and the Yellow, Black and White film studio.



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This is the first time a mission has been embarked to ISS to shoot a movie in space.

**Russia:** is a country spanning Eastern Europe and Northern Asia. It is the largest country in the world by area.

Russia extends across eleven time zones, and has the most borders of any country in the world, with sixteen sovereign nations.

**Capital:** Moscow

**President:** Vladimir Putin

**Prime Minister:** Mikhail Mishustin

**Currency:** Russian ruble

### Floods on Mars: Perseverance rover confirms Red Planet witnessed flash floods as climate changed

08 October' 21

Images received from the rover suggest that the area experienced significant flooding events in the past going as back as 3.7 billion years ago.



Even as the Perseverance rover remains parked in the desolate swathe of the Jezero crater as Earth's communication with Mars comes to a halt, the science continues to flow. A new analysis of images of the region, where the rover is trundling, confirms that the Jezero — a dry, eroded depression today — was once home to a well-fed lake.

Images received from the rover before it went dark on the rock suggest that the area experienced significant flooding events in the past going as back as 3.7 billion years ago. The rivers were flowing when Mars had an atmosphere thick enough to support water and the fan-shaped river delta experienced late-stage flooding events.

A paper published in the journal Science details how the hydrological cycle of the now-dry lake at Jezero Crater is more complicated and intriguing than originally thought. The analysis shows evidence of flash floods in the region, energetic enough to sweep up large boulders from tens of miles upstream and deposit them into the lakebed, where the massive rocks lie today.

Mars: is the fourth planet from the Sun and the second-smallest planet in the Solar System, being larger than only Mercury. In English, Mars carries the name of the Roman god of war and is often referred to as the "Red Planet".

### NASA Invited Media To James Webb Space Telescope Launch 12 October' 21

Members of the media may now register their interest in attending the launch of NASA's James Webb Space Telescope, the premier space science observatory for the next decade. Webb, an international partnership with the ESA (European Space Agency) and Canadian Space Agency, is targeted for launch Dec. 18.

ESA provides launch services for the mission. Webb will launch on an ArianeSpace Ariane 5 rocket from Europe's Spaceport in Kourou, French Guiana, on the north-eastern coast of South America.

Live coverage will air on NASA TV, the NASA app, and the agency's website. Photos and b-roll will be available to all media.

**Media can register their interest to attend launched events at two locations:** Webb's launch site at Europe's Spaceport in Kourou, French Guiana, as well as Webb's mission operations site at Space Telescope Science Institute (STScI) in Baltimore.

**The James Webb Space Telescope (sometimes called JWST or Webb):** is an orbiting infrared observatory that will complement and extend the discoveries of the Hubble Space Telescope, with longer wavelength coverage and greatly improved sensitivity. The longer wavelengths enable Webb to look much closer to the beginning of time and to hunt for the unobserved formation of the first galaxies, as well as to look inside dust clouds where stars and planetary systems are forming today.

**The National Aeronautics and Space Administration (NASA):** is an independent agency of the U.S. federal government responsible for the civilian space program, as well as aeronautics and space research.

**Formed:** July 29, 1958

**Headquarters:** Washington, D.C.

**Motto:** For the Benefit of All

**Administrator:** Bill Nelson

**Deputy Administrator:** Pamela Milroy

### Life on Mars: simulating Red Planet base in Israeli desert 15 October' 21

Inside a huge crater in Israel's sun-baked Negev desert, a team wearing space suits ventures forth on a mission to simulate conditions on Mars. The Austrian Space Forum has set up a pretend Martian base with the Israeli space agency at Makhtesh Ramon, a 500-metre (1,600-foot) deep, 40 kilometre (25 mile) wide crater. The six

so-called "analogue astronauts" will live in isolation in the virtual station until the end of the month. "It's a dream come true," Israeli Alon Tenzer, 36, told AFP. "It's something we've



been working on for years." The participants -- from Austria, Germany, Israel, the Netherlands, Portugal and Spain -- all had to pass gruelling physical and psychological tests. During their mission, they will conduct tests including on a drone prototype that functions without GPS, and on automated wind- and solar-powered mapping vehicles. The mission will also aim to study human behaviour and the effect of isolation on the astronauts.

Mars is the fourth planet from the Sun and the second-smallest planet in the Solar System, being larger than only Mercury. In English, Mars carries the name of the Roman god of war and is often referred to as the "Red Planet". The latter refers to the effect of the iron oxide prevalent on Mars's surface, which gives it a reddish appearance (as shown), that is distinctive among the astronomical bodies visible to the naked eye. Mars is a terrestrial planet with a thin atmosphere, with surface features reminiscent of the impact craters of the Moon and the valleys, deserts and polar ice caps of Earth.

### Covaxin approved for emergency use in children aged 2 years and above

17 October' 21

The Subject Expert Committee on Covid-19 has granted emergency use approval to Bharat Biotech's Covaxin for children in the 2-18 years age group. Subject Expert Committee (SEC) has given a recommendation to DCGI (Drugs Controller General of India) for the use of BharatBiotech's Covaxin for 2-18-year-olds: Official source. Hyderabad-based Bharat Biotech had completed Phase-2 and Phase-3 trials of Covaxin on children below 18 years of age in September and submitted the trial data to the Drugs and Comptroller General of India (DCGI) at the start of this month. As India's largest COVID-19 vaccination drive is underway,



an AIIMS professor has claimed that the latest trials show that the safety and immunogenicity of India's indigenous COVID-19 vaccine--Covaxin--are almost the same in children, as adults above 18-years of age.

Dr Sanjay K Rai, a professor at Centre for Community Medicine, All India Institute of Medical Sciences (AIIMS), said, "Covaxin's trial was done on three age groups. The first group examined was between 12 -18 years, the second group was between 6- 12 years and the third age group was between 2-6 years."

Bharat Biotech International Limited (BBIL) is an Indian multinational biotechnology company headquartered in Hyderabad, engaged in the drug discovery, drug development, manufacture of vaccines, bio-therapeutics, pharmaceuticals and health care products.

### ITCA Bengaluru launches 75 Students' Satellites Consortium: Mission 2022

20 October' 21

Indian Technology Congress Association in Bengaluru focuses on building synergies between academia, industry and research organisations. It has initiated an ambitious programme to commemorate the 75 years of Indian Independence. It has launched 75 Students' Satellites Consortium: Mission 2022.

Under the mission, a consortium of 75 students will build satellites to be launched by ISRO. AIR correspondent reports that the Indian Technology Congress Association has collaborated with various organisations such as TMISAT of Israel, CSPD Serbia and UNISEC of Japan to design and launch the student-built satellite by 2022 when India completes its 75 years of Independence.

During the address to the global leaders at the 76th United Nations General Assembly, the Prime Minister Narendra Modi had referred to India's 75 students' satellites mission.

The envisioned objectives of ITCA would include advancing and promoting the cause of technology in India and abroad; organizing annual meets / thematic expositions to promote R&D and collaboration leading to the advancement of technology; publishing country reports, journals and transactions as may be contextually relevant; taking up the consultancy and studies; and instituting and presenting Awards to recognize and honour significant contributions by individuals and organizations.

ITCA enshrining these objectives and ideas has been formally registered at Bangalore on 03 January 2018. While these were the initial thoughts, it is anticipated that refinements would happen as members collaborate and ITCA evolves over the coming months. The initial

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Memorandum / Articles of Association, and the associated set of byelaws is intended to set the context for growth of ITCA.

### IIT-Guwahati transfers to industry partner "energy efficient cookstoves technology" developed by researchers 24 October' 21

Environment-friendly technology developed for "cookstoves" by its researchers for commercialization benefitting the public.



The technology was transferred to industry partner "Agnisumukh Energy Solutions Pvt Ltd", Bangalore, for commercialisation.

The "Porous Radiant Burner" provides fuel saving in the range of 25 per cent to 50 per cent and can be operated with LPG, biogas and kerosene stoves.

"This will ensure that the benefits of the research reach the society at large and benefit the common man". The MoU for the technology transfer was signed in the presence of IIT-Guwahati Director Prof T G Sitharam, faculty, researchers of the Institute and representatives from the industry partner.

This effort will be a major contribution of IIT Guwahati towards the central government's efforts to enhance the access to clean cooking energy by promoting LPG, biogas and improved cook-stoves (ICS) through various policies and programmes.

The unique aspects of "Porous Radiant Burner"

Indigenously developed cookstoves equipped with specially-designed double layered porous radiant burners (PRBs) provide fuel saving in the range of 25-50 per cent.

Reduces carbon monoxide (CO) and nitrogen oxides (NOx) emissions by about 80 per cent.

PRB is ideally suited for both gaseous fuels like liquid petroleum gas (LPG), biogas, Piped Natural gas (PNG) and liquid fuels such as kerosene, methanol and ethanol, for domestic as well as community/commercial cooking.

The commercialisation of PRB-based LPG cookstoves across India will provide a huge LPG saving of about 13 lakh domestic cylinders per day and will also have a global impact on the burner-based applications.

MoU signing, IIT G Director Prof Sitharam claimed that the PRB-based cook-stove technology will play a key role in reducing the overall fuel consumption in the cooking sector leading to a huge annual saving of about Rs 50,000 crore for the government, thus reducing the financial burden significantly and conserving energy.

It will also provide a better cooking environment by reducing CO and NOx emissions.

### ISA General Assembly promises to achieve USD 1 trillion investment in solar energy by 2030 28 October' 21

The Fourth General Assembly of the multilateral body International Solar Alliance (ISA) concluded. The meeting promised to achieve \$1,000 billion of investment globally by 2030.



The fourth Aam Sama of ISA was organized through digital medium from October 18 to October 21. It was chaired by the Union Minister for Power and New and Renewable Energy RK Singh, who is also the President of the ISA General Assembly.

"The General Assembly approved an action agenda to raise US\$1,000 billion for solar investment by 2030," the ISA said in a statement.

A total of 108 countries participated in the General Assembly, including 74 member states, 34 observer and potential countries, 23 participating organizations and 33 special invitees.

**The ISA:** is an inter-governmental treaty-based organisation with a global mandate to catalyse solar growth by helping to reduce the cost of financing and technology.

**ISA Director General:** Ajay Mathur



**Burning Topics of the Month**

**National Security Guard celebrated its 37th Raising Day.**

**Defence Minister launched web-based project monitoring portal for Military Engineer Services.**

**Indian Navy conducts Offshore Sailing Regatta from Kochi to Goa.**

**& Many More...**

**'Mahalaya' celebrated in Bangladesh**  
**06 October' 21**

**M**ahalaya festival was celebrated across Bangladesh with devotion and piety. Special puja programmes were organised across temples in the capital city Dhaka and other cities of Bangladesh. Mahanagar Sarbajanin Puja Committee organised a programme marking the Mahalaya at Dhakeshwari National temple early in the morning to observe Mahalaya.



High Commissioner of India to Bangladesh Vikram Doraiswami visited the Dhakeshwari temple early in the morning to pay respect to the goddess Durga on Mahalaya.

Mahalaya was observed at other prominent locations of Dhaka. At the Banani Puja Mandap in Dhaka, a special programme was organised at dawn time. The Loknath Brahmachari Ashram and Mandir also held a ceremony where clothing was distributed among the poor people. Eminent persons and ministers like the Food Minister Sadhan Majumder and Pankaj Debnath, MP were present during the programmes in Dhaka.

Durga Puja festivities in Bangladesh will start from 11th October on the sixth day of the Puja with 'Bodhon'. It will conclude with Vijayadashami on 15th October marking the end of the Puja.

It is the most important festival of Hindus of Bangladesh which is celebrated on a large scale across the country. According to Bangladesh Puja Udjapan Parishad the number of Durga Puja mandaps across the country has

increased by almost 2000 from 30,213 last year to 32,118 this year. The number of puja mandaps in Dhaka is 238 which is four more than last year.

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

**Indian Air Force is celebrated its 89th Anniversary**  
**08 October' 21**

**A**ccording to the Air Chief Marshal Vivek Chaudhari, the ceremonial parade at Hindon Airbase in Ghaziabad on the occasion of 89th



Anniversary of Indian Air Force on 8 October 2021. the security environment in the region and beyond has been impacted by complex interplay of geopolitical forces.

The advents of new domains over and above the traditional domains of land, sea and air have resulted in paradigm shift in the way military operations will be conducted.

The Air Display commenced with flag bearing sky divers of the famous Akash Ganga Team dropping out of AN-32 aircraft in their colourful canopies. The flypast included

Union Minister for Road Transport and Highways Nitin Gadkari announced a new ambitious road project connecting Surat in Gujarat and Chennai in Tamil Nadu.

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heritage aircraft, modern transport aircraft and frontline fighter aircraft.

The function also witnessed the air display by Sukhoi Su-30 and Rafale. The ceremony concluded with spell-binding aerobatic display. Chief of Defence Staff General Bipin Rawat, Chief of Naval Staff Admiral Karambir Singh and Army Chief General Manoj Naravane also attended the parade.

**The Indian Air Force (IAF):** is the air arm of the Indian Armed Forces. Its complement of personnel and aircraft assets ranks fourth amongst the air forces of the world. Its primary mission is to secure Indian airspace and to conduct aerial warfare during armed conflict. It was officially established on 8 October 1932 as an auxiliary air force of the British Empire which honoured India's aviation service during World War II with the prefix Royal.

**Commander-in-Chief:** President Ram Nath Kovind

**Chief of Defence Staff (CDS):** General Bipin Rawat

**Chief of the Air Staff:** Air Chief Marshal Vivek Ram Chaudhari

**Vice Chief of the Air Staff:** Air Marshal Sandeep Singh

### Chhattisgarh declared a new tiger reserve 13 October' 21

The National Tiger Conservation Authority (NTCA) approved the Chhattisgarh government's proposal to declare the combined areas



of the Guru Ghasidas National Park and Tamor Pingla Wildlife Sanctuary as a Tiger Reserve.

The new Reserve is located in the northern part of the state, bordering Madhya Pradesh and Jharkhand. This will be the fourth Tiger Reserve in Chhattisgarh, after the Udanti-Sitanadi, Achanakmar, and Indravati Reserves.

The proposal was considered by the 11th Technical Committee of the NTCA on September 1, and approval was granted a month later under Section 38V(1) of The Wildlife (Protection) Act, 1972. ("Tiger Conservation Plan: The State Government shall, on the recommendation of the Tiger Conservation Authority, notify an area as a tiger reserve.")

The Tamor Pingla Wildlife Sanctuary was identified as part of the Sarguja Jashpur Elephant Reserve in 2011. The

Guru Ghasidas National Park used to be part of the Sanjay National Park in undivided Madhya Pradesh. Both were identified as reserve forests, and had been in line to be notified as Tiger Reserve since 2011.

The constituent units of the new Tiger Reserve, Guru Ghasidas National Park and Tamor Pingla Wildlife Sanctuary, are spread over 1,44,000 hectares (1,440 sq km) and 60,850 hectares (608.5 sq km) respectively.

Guru Ghasidas National Park is in Koriya district; Tamor Pingla is in Surajpur district in the northwestern corner of Chhattisgarh. Guru Ghasidas National Park was the last known habitat of the Asiatic cheetah in the country. Originally part of the Sanjay Dubri National Park, Guru Ghasidas Park was created as a separate entity in Chhattisgarh's Sarguja region after the formation of the state in 2001.

The former BJP government of the state had decided to make Tamor Pingla Wildlife Sanctuary part of a bigger elephant corridor in the northern part of the state, and moved to obtain approval for the Bhoramdeo Wildlife Sanctuary in the centre of the state as a Tiger Reserve. Resistance from the local population in Bhoramdeo, however, forced the government to step back from the idea in 2018.

The Congress government threw its weight behind getting approval from NTCA for Guru Ghasidas National Park.

Wildlife experts and activists in the state believe that turning Guru Ghasidas into a Tiger Reserve is important because it connects Jharkhand and Madhya Pradesh and provides a corridor for tigers to move between the Bandhavgarh and Palamau Tiger Reserves.

Bhoramdeo, on the other hand, connects the Indravati Tiger Reserve in Chhattisgarh with the Kanha Tiger Reserve in Madhya Pradesh and, experts say, the decision to create a Tiger Reserve at Guru Ghasidas National Park should not affect attempts to notify Bhoramdeo as a Tiger Reserve too.

### National Security Guard celebrated its 37th Raising Day 16 October' 21

The Union Home Minister Amit Shah greeted the elite National Security Guard (NSG) force on its 37th raising day, saying it is a "world-class trained



force to tackle all facets of terrorism" and the country is proud of its troops. The elite striking force, the NSG was

established in 1984 after the Union Cabinet decided to create a 'Federal Contingency Force' that was 'well trained to tackle various manifestations of terrorism.

Every year, the Raising Day of the NSG is celebrated on October 16. This year marks the 37th anniversary of the establishment of the NSG, popularly known as Black Cats.

NSG is intended to be deployed in exceptional circumstances only and is not meant to take over the functions of other paramilitary forces or state police forces. The task-oriented force comprises two complementary elements in the form of the Special Action Group (SAG). The SAG is formed of army personnel as well as the Special Ranger Groups, which comprise of personnel drawn from State Police Forces or Central Armed Police Forces. It has six operational centres, with plans for the seventh one in Pathankot.

The NSG is capable of handling a variety of high-pressure situations such as terrorist attacks, hostage captivity and hijackings. It also used to handle VIP security in the country, till a decision to withdraw the force from the same was taken in 2020 by the Central government. The Black Cats played a key role during the 'Operation Black Tornado' of 2008, when NSG commandos stormed the Nariman House, Taj Mahal Palace Hotel and the Oberoi Trident hotel, and coordinating with personnel of other forces, killed all terrorists who had laid siege to the sites during the 26/11 Mumbai attacks.

**The National Security Guard (NSG)** is an elite counter-terrorism unit under the Indian Ministry of Home Affairs.

**Formed:** 22 September 1986

**Headquarters:** New Delhi

**Minister of Home Affairs:** Amit Shah

**Director General:** M.A. Ganapathy

### HM Amit Shah flags off "Modi Van" under "Seva Hi Sangathan" programme 19 October' 21

Home Minister Amit Shah flagged off Modi Van under the 'Seva Hi Sangathan' programme to commemorate Prime Minister Narendra Modi completing 20 years as the Head of Government. Five Mobile Medical Vans will operate in five Assembly Constituencies in Kaushambi district of Uttar Pradesh.



"Each van consists of 32 eight-inch televisions and high-speed internet service with various features that include 39 blood test facilities in one go, telemedicine, GPS tracking system, availability of doctor and nurse with the help of computer operator and weekly medical bulletin".

### Prime Minister Narendra Modi

On 24 February 2021, the largest cricket stadium in the world at Ahmedabad was renamed Narendra Modi Stadium by the Gujarat Cricket Association. Modi is featured in TIME Magazine's 100 most influential people of 2021 list, making it his fifth time after 2014, 2015, 2017, and 2020.

State Honours		
Decoration	Country	Date
Order of Abdulaziz Al Saud	Saudi Arabia	3-Apr-16
State Order of Ghazi Amir Amanullah Khan	Afghanistan (Republic)	4-Jun-16
Grand Collar of the State of Palestine	Palestine	10-Feb-18
Order of Zayed	United Arab Emirates	4-Apr-19
Order of St. Andrew	Russia	12-Apr-19
Order of the Distinguished Rule of Izzuddin	Maldives	8-Jun-19
King Hamad Order of the Renaissance	Bahrain	24-Aug-19
Legion of Merit	United States	21-Dec-20

Other honours		
Award	Country/ Organisation	Date
CNN-News18 Indian of the Year	CNN-News18	2014
Champions of the Earth	United Nations	3-Oct-18
Seoul Peace Prize	South Korea	24-Oct-18
Global Goalkeeper Award	Bill & Melinda Gates Foundation	24-Sep-19

### Defence Minister launched web-based project monitoring portal for Military Engineer Services 20 October' 21

Defence Minister Shri Rajnath Singh launched Web Based Project Monitoring Portal (WBMPMP) for Military Engineer Services (MES) at New Delhi

Eminent Indian Americans were recognised for their excellence in community service by Virginia State Chapter of the Global Organization of People of Indian Origin (GOPIO).



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on 20th October 2021.

The portal conceptualized in accordance with the Digital India Mission of the Union Government, has been developed by "Bhaskaracharya National Institute for Space Applications and Geo-informatics" (BISAG-G).



The newly launched unified portal is the first project management e-Governance to be implemented by the MES.

It will enable real time monitoring of projects from its inception to completion.

This is one among many initiatives of MES for the scientific management of this organisation.

Taking forward the Digital India Mission, MES is also in process of implementing nine other e-Governance applications in an endeavour to increase productivity, build transparency and improve efficiency towards infrastructural development for the Army.

These include Product Approval Portal, AWMP Scrutiny & Status Application, E-Measurement Book, Budget Management Portal, Work Estimation Application, Billing and Construction Account Management, Cashbook Management and Accounting System, Contractor and Consultant Enlistment Portal & E-Deviation.

Chief of Defence Staff & Secretary-Department of Military Affairs General Bipin Rawat, Chief of Army Staff General Manoj M Naravane, Chief of Air Staff Air Marshal Vivek Ram Chaudhuri, Defence Secretary Dr. Ajay Kumar, Chief of Integrated Defence Staff to the Chairman Chiefs of Staff Committee Air Marshal BR Krishna, Vice Chief of Naval Staff Vice Admiral Satish Namdeo Ghormade, E-in-C of MES Lt. Gen. Harpal Singh and Director General of Indian Coast Guard Krishnaswamy Natarajan were also present at the launching ceremony for the WBMP.

### International Snow Leopard Day: 23 October 23 October' 21

World Snow Leopard Day i.e. World Snow Leopard Day is celebrated on 23 October. The main objective of celebrating this day is to show the importance of conservation of snow leopard and to raise awareness about this amazing animal. The day is also celebrated with an emphasis on measures to prevent poaching, as well as to strengthen efforts in the context

of an environmental organization in the countries bordering the snow leopard.

The first Snow Leopard Day was created on 23 October 2014. Celebration of this day was started by the countries where their population is found. These include Uzbekistan, Tajikistan, Russia, Pakistan, Mongolia, Kyrgyzstan, Kazakhstan, India, China, Bhutan and Afghanistan. These countries had signed the Bishkek Declaration on the Conservation of Snow Leopards on 23 October 2013. These were done at the first ever Global Snow Leopard Forum held in Bishkek, the capital of Kyrgyzstan.



Snow leopards are attractive and powerful animals. However, they are vulnerable to loss of hunting and poaching. These animals are widely distributed in 12 different countries of Central Asia. They are found in rugged, high mountainous areas at altitudes between 3,000 and 4,500 metres. The major way to protect this species is to raise awareness.

Two years after Ladakh was carved out as a separate Union Territory (UT) from the erstwhile state of Jammu and Kashmir, Ladakh has recognized two endangered species, the snow leopard and the black-necked crane, as state animals and state birds.

### Indian Navy conducts Offshore Sailing Regatta from Kochi to Goa 27 October' 21

As part of commemorative activities of Azadi Ka Amrit Mahotsav, Indian Navy is conducting an Offshore Sailing Regatta from Kochi to Goa under aegis of Indian Naval Sailing



Association (INSA). Six Indian Naval Sailing Vessels (INSVs) viz Mhadei, Tarini, Bulbul, Neelkanth, Kadalpura and Hariyal will be participating in this event. The race is scheduled to start on 24 Oct 21 for a tentative duration of five days and would cover an approximate distance of 360 nm between the start point at Naval Base, Kochi to Goa. The expedition is aimed at fostering the spirit of adventure and ocean sailing for the participating crew.



Each of the six INSVs - four 40 footers and two 56 footers, would be manned by six naval personnel drawn from three Commands of Navy, the ANC and IHQ MoD (Navy). In addition, Ocean Yachts from Yachting Association of India (YAI) affiliated civilian clubs would also be participating in the event. The expedition is being organised by HQSNC and Indian Navy's Ocean Sailing Node (OSN), located at INS Mandovi, Goa. The participants have been practicing for this event over the last one month and have also undergone a Capsule Course at Kochi to hone their skills. Indian Navy participants include Capt Vipul Meherishi, Capt Atool Sinha, Lt Cdr K Pednekar, Lt Cdr Payal Gupta etc, who have won medals in various events at the National level and are representing different Commands.

Two 56 footers participating in this Regatta have already made history in the Indian Navy by participating in circumnavigation. Mhadei has done solo circumnavigation 'Sagar Parikrama' with Capt Dilip Donde in 2010 and Cdr Abhilash Tomy in 2013. She has also participated in the Cape Town to Rio de Janeiro races in 2011, 2014 & 2017. Tarini has done circumnavigation of the globe 'Navika Sagar Parikrama' in 2017 with all women officers crew.

The Azadi ka Amrit Mahotsav Offshore Race will be flagged off from Kochi by FOC-in-C (South) on 24 Oct 21. The Flagging in ceremony of the race will be presided over by Commandant, Naval War College (NWC) at Goa on 29 Oct 21.

### Mark Zuckerberg changes Facebook's name to Meta 28 October' 21

Facebook is now called Meta, in a rebrand that focuses on building the “metaverse,” a shared virtual environment that it bets will be the successor to

the mobile internet. The name change, the plan for which was first reported by the Verge, is a significant rebrand for Facebook, but not it's first. In 2019 it launched a new logo to create a distinction between the company and its social app.



The metaverse is a term coined in the dystopian novel “Snow Crash” three decades ago and now attracting buzz in Silicon Valley. Zuckerberg said the new name, coming from the Greek word for “beyond,” symbolized there was always more to build. It refers broadly to the idea of a shared virtual realm that can be accessed by people using different devices.

#### About facebook:

Facebook is an American online social media and social networking service owned by Meta Platforms. Founded in 2004 by Mark Zuckerberg with fellow Harvard College students and roommates Eduardo Saverin, Andrew McCollum, Dustin Moskovitz, and Chris Hughes, its name comes from the face book directories often given to American university students. Membership was initially limited to Harvard students, gradually expanding to other North American universities and, since 2006, anyone over 13 years old. As of 2020, Facebook claimed 2.8 billion monthly active users, and ranked seventh in global internet usage. It was the most downloaded mobile app of the 2010s.

# 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 10<sup>th</sup> November, 2021

## EDITORIAL WORD

### Scourge

Pronunciation: /skɔː dʒ/

Definition/Meaning

#### Noun

##### 1. A whip used as an instrument of punishment.

Similar:

Whip, lash

##### 2. A person or thing that causes great trouble or suffering.

"The scourge of mass unemployment"

Similar:

Affliction, bane

#### Verb

##### 1. Whip (someone) as a punishment.

"Our people did scourge him severely"

Similar:

Flog, beat

##### 2. Cause great suffering to.

"Political methods used to scourge and oppress workers"

Similar:

Afflict, torment

#### Etymology

The word is most commonly considered to be derived from Old French *escorgier* - "to whip", going further back to the Vulgar Latin *excorrigiare*: the Latin prefix *ex-* "out, off" with its additional English meaning of "thoroughly", plus *corrigia* - "thong", or in this case "whip". Some connect it to Latin: *excoriare*, "to flay", built of two Latin parts, *ex-* ("off") and *corium*, "skin".

#### Sentence Examples

- Heartwater is a tick-borne disease, which has been a scourge of South African livestock owners for over a hundred years.
- And while sophisticated, clever and highly seductive, today's inflationism is a more dangerous scourge than ever.
- That annoying, ugly, trick gold lamp that comes apart in the middle when you pick it up has been the scourge of my family for years.

- It is also mercifully free of molehills, which are the scourge of our sandy garden.
- His discovery of the tubercle bacillus was a starting point for a worldwide campaign against an age-old scourge of the human race.
- It's an attack of poison ivy, teenage angst and the blues all rolled into one unscratchable scourge.
- A thick layer of scourge slime ensured that no one was going in or out of the dining room.
- Further north the scourge of tsetse fly, vector of the disease nagana, limited the use of cattle as draught.
- The scourge of McCarthyism made everyone a believer for fear of being labeled a commie pinko.
- Could it be that in just two years the scourge of bourgeois values is now entering the American mainstream?
- No right thinking person ever looks at spam, it is a modern scourge that should be eradicated, by violent means if need be.
- With all those amazing new developments and breakthroughs, why haven't we cured this scourge?
- Calvinus had died rich, the protector of innumerable sheep-farmers, the scourge of Southern brigandage.
- Smallpox was a very ancient scourge related to, and possibly deriving from, one of the various animal poxes.
- So some years ago Australia wondered what they could do to ease the fly scourge and hit on the idea of an African dung beetle.
- Combine viruses with the scourge of spam and you have two heavy anchors dragging down Irish productivity.
- No one is under any illusion that drugs are the scourge of modern-day society.
- Graffiti disfiguring our public and private buildings is a scourge of modern society.
- Diseases such as malaria were endemic, while blackwater fever, dengue fever, dysentery, yaws, and hookworms were a constant scourge.





# Barbados: A New Dawn

## Pre-colonial period

Archeological evidence suggests humans may have first settled or visited the island circa 1600 BC. More permanent Amerindian settlement of Barbados dates to about the 4th to 7th centuries AD, by a group known as the Saladoid-Barrancoid.

## European arrival

It is uncertain which European nation arrived first in Barbados, which probably would have been at some point in the 15th century or 16th century. Many, if not most, believe the Portuguese, en route to Brazil, were the first Europeans to come upon the island.

George Washington House was visited by George Washington in 1751, in what is believed to have been his only trip outside the present-day United States. The first English ship, which had arrived on 14 May 1625, was captained by John Powell. The first settlement began on 17 February 1627. The settlement was established as a proprietary colony and funded by Sir William Courten, a City of London merchant who acquired the title to Barbados and several other islands.

Starting with Cromwell, a large percentage of the white labourer population were indentured servants and involuntarily transported people from Ireland.

## The sugar revolution

The introduction of sugar cane from Dutch Brazil in 1640 completely transformed society, the economy and the physical landscape. Barbados eventually had one of the world's biggest sugar industries. By 1680 there were 20,000 free whites and 46,000 enslaved Africans; by 1724, there were 18,000 free whites and 55,000 enslaved Africans.

## 18th and 19th centuries

The harsh conditions endured by the slaves resulted in several planned slave rebellions, the largest of which was Bussa's rebellion in 1816 which was suppressed by British troops.

## 20th century before independence

Deep dissatisfaction with the situation on Barbados led many to emigrate. Things came to a head in the 1930s during the Great Depression, as Barbadians began demanding better conditions for workers, the legalisation of trade unions and a widening of the franchise, which at that point was limited to male property owners. As a result of the increasing unrest the British sent a commission (The West Indies Royal Commission, or Moyne Commission) in 1938, which recommended enacting many of the requested reforms on the islands. As a result, Afro-Barbadians began to play a much more prominent role in the colony's politics, with universal suffrage being introduced in 1950.

Prominent among these early activists was Grantley Herbert Adams, who helped found the Barbados Labour Party (BLP) in 1938. He became the first Premier of Barbados in 1953, followed by fellow BLP-founder Hugh Gordon Cummins from 1958 to 1961. A group of left-leaning politicians who advocated swifter moves to independence broke off from the BLP and founded the Democratic Labour Party (DLP) in 1955. The DLP subsequently won the 1961 Barbadian general election and their leader Errol Barrow became premier.

Full internal self-government was enacted in 1961. Barbados joined the short-lived West Indies Federation from 1958 to 1962, later gaining full independence on 30 November 1966. Errol Barrow became the country's first prime minister. Barbados opted to remain within the Commonwealth of Nations, retaining Queen Elizabeth as Monarch, represented locally by a Governor General.

## Post-independence era

The Barrow government sought to diversify the economy away from agriculture, seeking to boost industry and the tourism sector. Barbados was also at forefront of regional integration efforts, spearheading the creation of CARIFTA and CARICOM. However, Barrow too died in office, and was replaced by Lloyd Erskine Sandiford who remained Prime Minister until 1994.

Owen Arthur of the BLP won the 1994 Barbadian general election, remaining Prime Minister until 2008. Arthur was a strong advocate of republicanism, though a planned referendum to replace Queen Elizabeth as Head of State in 2008 never took place. The DLP won the 2008 Barbadian general election, however the new Prime Minister David Thompson died in 2010 and was replaced by Freundel Stuart. The BLP returned to power in 2018 under Mia Mottley, who became Barbados's first female Prime Minister.

## **Becoming a republic**

The government of Barbados announced on 15 September 2020 that it intended to become a republic by 30 November 2021, the 55th anniversary of its independence resulting in the replacement of the Queen and Governor-General with the country's own elected head of state. Barbados would then cease to be a Commonwealth realm, but could maintain membership in the Commonwealth of Nations like Guyana and Trinidad and Tobago. Commonwealth countries are a "loose association of former British colonies and current dependencies".

## **Barbados: A New Dawn**

Dame Sandra Mason, 72, is set to be sworn in on 30 November, which will mark the country's 55th anniversary of independence from Britain. The first woman to serve on the Barbados Court of Appeals, Dame Sandra has been governor-general since 2018. The government announced the plan to move to a republic status last year. The change had already been recommended by a constitutional review in 1998.

The historic election came after a joint session of the House of Assembly and the Senate. Prime Minister Mia Mottley described the vote as a "seminal moment" for the nation. With a population of about 285,000, Barbados is one of the more populous and prosperous Caribbean islands. Once heavily dependent on sugar exports, its economy has diversified into tourism and finance.

Barbados will not be the first former British colony in the Caribbean to become a republic. Guyana took that step in 1970, less than four years after gaining independence from Britain. Trinidad and Tobago followed suit in 1976 and Dominica in 1978. Jamaica has in the past suggested that it might also consider the change.

## **Countries That have removed the Queen as head of state.**

The London Declaration of 1949 marked the birth of the modern Commonwealth, and recognised King George VI as head. Following his death, the Commonwealth leaders recognised Queen Elizabeth II in that capacity. Today the

Commonwealth is a voluntary association of 54 independent countries, made up of 2.4 billion people, who work together to promote shared interests. The Queen is head of state of 16 countries that are a part of the Commonwealth realm, including the UK.

These include Australia, Canada and New Zealand, as well as several island nations in the Caribbean and Indian Ocean. These are Antigua and Barbuda, Barbados, The Bahamas, Belize, Grenada, Jamaica, Papua New Guinea, Saint Lucia, Solomon Islands, St Kitts and Nevis, and St Vincent and the Grenadines.

There are also a host of overseas territories linked to the UK, Australia and New Zealand that are not in the Commonwealth but still have the Queen as head of state. These are numerous but include Cayman Islands, the British Virgin Islands, Bermuda, the Cook Islands, Gibraltar, the Falkland Islands and Turks and Caicos, to name a few. Several countries dropped the Queen from the role in the years after they gained independence, usually replacing her with a prime minister. Barbados is the latest, although the Queen will remain in the role until November 2021. Guyana did the same in 1970, Trinidad and Tobago followed suit in 1976, and Dominica in 1978. The last to do so was Mauritius nearly three decades ago in 1992. Barbados joins 38 other Commonwealth countries with a head of state other than Elizabeth II. Jamaica could be next to follow suit - in 2016, the country's parliament considered a constitutional amendment to remove the Queen as the nation's monarch. Australia has had several high-profile debates on the issue. The nation nearly embraced republicanism in a 1999 referendum, but 54.9% of those who voted in favor of keeping the Queen.

## **What power does the Queen have as head of state?**

Each Commonwealth country functions independently of the Queen, with its own elected governors and laws. As head of state the Queen has no real power, although she is recognized as the ceremonial ruler, like in the UK.

Where she is a head of state, a governor-general acts as the Queen's representative. They carry out the ceremonial day-to-day duties the Queen would usually be expected to do such as appointing ministers, ambassadors, and giving royal assent to legislation. Governors-general are elected or chosen by the country's parliament, cabinet or prime minister and all formally appointed by the Queen.

On the advice of a Commonwealth realm's government, almost all governors-general are knighted by the Queen as an accepted norm and accorded the title Dame when female and Sir when male. Canada and Australia are the exceptions to this.



The 67th National Film Awards were announced at a press meet on 22 March 2021 to honour the best Indian films certified in India between Jan 1 and Dec 31, 2019. The awards ceremony, at which the Directorate of Film Festivals presents its annual National Film Awards to honour the best in Indian cinema, was originally slated to be held on 3 May 2020 but was postponed due to the COVID-19 pandemic.

### Dadasaheb Phalke Award

Introduced in 1969, the Dadasaheb Phalke Award is the highest award given to recognise the contributions of film personalities towards the development of Indian cinema and for distinguished contributions to the medium, its growth and promotion."

Name of Award	Awardee(s)	Awarded as	Awards
Dadasaheb Phalke Award	Rajinikanth	Actor	Swarna Kamal, ₹1 million (US\$13,000) and a shawl

The awards aim at encouraging study and appreciation of cinema as an art form and dissemination of information and critical appreciation of this art-form through a State Government Policy.

Award	Name of State
Best Film Friendly State	State of Sikkim

### Golden Lotus Award (Swarna Kamal)

All the awardees are awarded with 'Golden Lotus Award (Swarna Kamal)', a certificate and cash prize.

Award	Film	Language	Awardee(s)	Cash Prize
Best Feature Film	Marakkar: Lion of the Arabian Sea	Malayalam	Producer: Antony Perumbavoor	₹250,000 each
			Director: Priyadarshan	
Best Direction	Bahattar Hoorain	Hindi	Sanjay Puran Singh Chauhan	₹250,000 each
Best Debut Film of a Director	Helen	Malayalam	Producer: Vineeth Sreenivasan	₹125,000 each
			Director: Mathukutty Xavier	
Best Popular Film Providing Wholesome Entertainment	Maharshi	Telugu	Producer:	₹200,000 each
			Sri Venkateswara Creations	
			Vyjayanthi Movies	
			PVP Cinema	
			Director: Vamshi Paidipally	
Best Children's Film	Kastoori	Hindi	Producer : Insight Films	₹150,000 each
			Director: Vinod Uttreshwar Kamble	

### Silver Lotus Award (Rajat Kamal)

All the awardees are awarded with 'Silver Lotus Award (Rajat Kamal)', a certificate and cash prize.



Award	Film	Language	Awardee(s)	Cash Prize
Best Feature Film on National Integration	Tajmal	Marathi	Producer: Tuline Studios Pvt. Ltd.	₹150,000 each
			Director: Niyaz Mujawar	
Best Film on Other Social Issues	Anandi Gopal	Marathi	Producer:	₹150,000 each
			Essel Vision Productions Ltd.	
			Freshlime Films LLP	
			Namah Pictures Pvt. Ltd.	
			Director: Sameer Vidwans	
Best Film on Environment Conservation/ Preservation	Water Burial	Monpa	Producer: Faruque Iftikar Laskar	₹150,000 each
			Director: Shantanu Sen	
Best Actor	Bhonsle	Hindi	Manoj Bajpayee	₹50,000 each
	Asuran	Tamil	Dhanush	
Best Actress	Manikarnika: The Queen of Jhansi	Hindi	Kangana Ranaut	₹50,000
	Panga			
Best Supporting Actor	Super Deluxe	Tamil	Vijay Sethupathi	₹50,000
Best Supporting Actress	The Tashkent Files	Hindi	Pallavi Joshi	₹50,000
Best Child Artist	KD	Tamil	Naga Vishal	₹50,000
Best Male Playback Singer	Kesari	Hindi	B Praak	₹50,000
	(For the song "Teri Mitti")			
Best Female Playback Singer	Bardo	Marathi	Savani Ravindra	₹50,000
	(For the song "Raani Petala")			
Best Cinematography	Jallikattu	Malayalam	Girish Gangadharan	₹50,000
Best Screenplay	Jyeshthoputro	Bengali	Kaushik Ganguly	₹50,000
• Screenplay Writer (Original)				
Best Screenplay	Gumnaami	Bengali	Srijit Mukherji	₹50,000
• Screenplay Writer (Adapted)				
Best Screenplay	The Tashkent Files	Hindi	Vivek Ranjan Agnihotri	₹50,000
• Dialogues				
Best Audiography	Iewduh	Khasi	Debajit Gayan	₹50,000
• Location Sound Recordist				
Best Audiography	Trijya	Marathi	Mandar Kamalapurkar	₹50,000
• Sound Designer				
Best Audiography	Oththa Seruppu Size 7	Tamil	Resul Pookutty	₹50,000
• Re-recordist of the Final Mixed Track				
Best Editing	Jersey	Telugu	Naveen Nooli	₹50,000

Best Production Design	Anandi Gopal	Marathi	Sunil Nigwekar Nilesh Wagh	₹50,000
Best Costume Design	Marakkar: Lion of the Arabian Sea	Malayalam	Sujith Sudhakaran V. Sai	₹50,000
Best Make-up Artist	Helen	Malayalam	Ranjith	₹50,000
Best Music Direction	Viswasam	Tamil	D. Imman	₹50,000
• Songs				
Best Music Direction	Jyeshthoputro	Bengali	Prabuddha Banerjee	₹50,000
• Background Score				
Best Lyrics	Kolaambi (For the song "Arodum Parayuka Vayya")	Malayalam	Prabha Varma	₹50,000
Best Special Effects	Marakkar: Lion of the Arabian Sea	Malayalam	Siddharth Priyadarshan	₹50,000
Best Choreography	Maharshi	Telugu	Raju Sundaram	₹50,000
Best Stunt Choreographer	Avane Srimannarayana	Kannada	Vikram More	₹50,000
Special Jury Award	Oththa Seruppu Size 7	Tamil	R. Parthiban	₹2,00,000
Special Mention	Biriyaani	Malayalam	Sajin Babu (Director)	Certificate only
	Jonaki Porua	Assamese	Benjamin Diamary (Actor)	
	Lata Bhagwan Kare	Marathi	Lata Kare (Actress)	
	Picasso	Marathi	Abhijeet Mohan Warang (Director)	

## Regional awards

National Film Awards are also given to the best films in the regional languages of India. Awards for the regional languages are categorised as per their mention in the Eighth schedule of the Constitution of India. Awardees included producers and directors of the film. No films in languages other than those specified in the Schedule VIII of the Constitution were eligible.

Award	Film	Awardee(s)		Cash Prize
		Producer	Director	
Best Feature Film in Assamese	Ronuwa - Who Never Surrender	Bornali Creative Vision Entertainment	Chandra Mudoi	₹1,00,000 each
Best Feature Film in Bengali	Gumnaami	SVF Entertainment Pvt. Ltd.	Srijit Mukherji	₹1,00,000 each
Best Feature Film in Hindi	Chhichhore	Nadiadwala Grandson Entertainment	Nitesh Tiwari	₹1,00,000 each
		Fox Star Studios		
Best Feature Film in Kannada	Akshi	Kalaadegula Studio	Manoj Kumar	₹1,00,000 each
Best Feature Film in Konkani	Kaajro	de Goan Studio	Nitin Bhaskar	₹1,00,000 each
Best Feature Film in Malayalam	Kalla Nottam	First Print Studios	Rahul Riji Nair	₹1,00,000 each

Best Feature Film in Manipuri	Eigi Kona	Luwang Apokpa Mamikol Production	Bobby Wahengbam Maipaksana Haorongbam	₹1,00,000 each
Best Feature Film in Odia	Sala Budhar Badla	New Generation Films	Sabyasachi Mohapatra	₹1,00,000 each
	Kalira Atita	Eleenora Images Pvt. Ltd.	Nila Madhab Panda	
Best Feature Film in Marathi	Bardo	Ritu Films Cut LLP	Bhimrao Mude	₹1,00,000 each
Best Feature Film in Punjabi	Rabb Da Radio 2	Vehli Janta Films	Sharandeep Singh	₹1,00,000 each
Best Feature Film in Tamil	Asuran	V Creations	Vetrimaaran	₹1,00,000 each
Best Feature Film in Telugu	Jersey	Sithara Entertainments	Gowtam Tinnanuri	₹1,00,000 each

Best Feature Film in Each of the Language Other Than Those Specified In the Schedule VIII of the Constitution

Award	Film	Awardee(s)		Cash Prize
		Producer	Director	
Best Feature Film in Chhattisgarhi	Bhulan the Maze	Swapnil Film Productions	Manoj Verma	₹1,00,000 each
Best Feature Film in Haryanvi	Chhoriyan Chhoron Se Kam Nahi Hoti	Essel Vision Productions Limited Satish Kaushik Entertainment	Rajesh Amar Lal Babbar	₹1,00,000 each
Best Feature Film in Khasi	Iewduh	Shiven Arts	Pradip Kurbah	₹1,00,000 each
Best Feature Film in Mishing	Anu Ruwad	Obonori Pictures	Dilip Kumar Doley	₹1,00,000 each
Best Feature Film in Paniya	Kenjira	Neru Films	Manoj Kana	₹1,00,000 each
Best Feature Film in Tulu	Pingara	DMR Productions	R. Preetham Shetty	₹1,00,000 each

## Non-Feature Films

Short Films made in any Indian language and certified by the Central Board of Film Certification as a documentary/newsreel/fiction are eligible for non-feature film section.

## Golden Lotus Award (Swarna Kamal)

All the awardees are awarded with 'Golden Lotus Award (Swarna Kamal)', a certificate and cash prize.

Award	Film	Language	Awardee(s)	Cash Prize
Best Non-Feature Film	An Engineered Dream	Hindi	Hemant Gaba	₹1,50,000 each
Best Director in Non-Feature Film	Knock Knock Knock	English Bengali	Sudhanshu Saria	₹1,50,000

## Silver Lotus Award (Rajat Kamal)

Award	Film	Language	Awardee(s)	Cash Prize
Best Debut Non-Feature Film of A Director	Khisa	Marathi	Producer : Santosh Maithani Director: Raj Pritam More	₹75,000/- each

Minister of State for Tourism & Defence Ajay Bhatt flagged off the Buddhist Circuit special Train from Safdarjung Railway Station, Delhi.

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Best Biographical Film	Elephants Do Remember	English	Producer: Films Division	₹50,000/- each
			Director:	
			Swati Pandey	
			Viplove Rai Bhatia	
			Manohar Singh Bisht	
Best Arts / Cultural Film	Shrikshetra Ru Sahijata	Odia	Director and Producer: Ashutosh Pattnaik	₹50,000/- each
Best Environment Film	The Stork Saviours	Hindi	Producer:	₹50,000/- each
			Rajiv Mehrotra	
			PSBT	
			Director:	
			Ajay Bedi	
			Vijay Bedi	
Best Promotional Film	The Shower	Hindi	Producer: Little Lamb Films Pvt. Ltd.	₹50,000/- each
			Director: Bauddhayan Mukherji	
Best Film on Social Issues	Holy Rights	Hindi	Producer: Priyanka Pradeep More	₹50,000/- each
			Director: Farha Khatun	
			Producer & Director: Sudipta Kundu	
Best Educational Film	Apples and Oranges	English	Producer: LXL Ideas Private Limited	₹50,000/- each
			Director: Rukshana Tabassum	
Best Ethnographic Film	Charan - Atva the Essene of Being A Nomad	Gujarati	Producer: Films Division	₹50,000/- each
			Director: Dinaz Kalwachwala	
Best Exploration Film	Wild Karnataka	English	Producer: Amoghavarsha J. S.	₹50,000/- each
			Director:	
			Amoghavarsha J. S.	
			Kalyan Varma	
			Sarath Champati	
			Vijaya Mohan Raj	
Best Investigative Film	Jakkal	Marathi	Producer: Neon Reel Creation	₹50,000/- each
			Director: Vivek Wagh	
Best Animation Film	Radha (Musical)		Producer: Fairy Cows	₹50,000/- each
			Director: Bimal Poddar	
			Animator: Nitin Kharkar	
Best Short Fiction Film	Custody	English	Producer & Director: Ambiecka Pandit	₹50,000/- each
		Hindi		
Best Film on Family Values	Oru Paathiraa Swapnam Pole	Malayalam	Producer: Satyajit Ray Film & Television Institute	₹50,000/- each
			Director: Sharan Venugopal	



Best Cinematography	Sonsi	Hindi	Savita Singh	₹50,000/- each
Best Audiography	Radha (Musical)		Re-recordist (final mixed track):	₹50,000/-
			Allwin Rego	
			Sanjay Maurya	
Best On-Location Sound Recordist	Rahas	Hindi	Saptarshi Sarkar	₹50,000/-
Best Editing	Shut Up Sona	Hindi	Arjun Gourisaria	₹50,000/-
		English		
Best Music Direction	Kranti Darshi Guruji - Ahead of Times	Hindi	Bishakh jyoti	₹50,000/-
Best Narration / Voice Over	Wild Karnataka	English	David Attenborough	₹50,000/-
Special Jury Award	Small Scale Societies	English	Vipin Vijay	₹1,00,000/-

### Best Writing on Cinema

The awards aim at encouraging study and appreciation of cinema as an art form and dissemination of information and critical appreciation of this art-form through publication of books, articles, reviews etc.

Golden Lotus Award (Swarna Kamal)

Award	Book	Language	Awardee(s)	Cash Prize
Best Book on Cinema	A Gandhian Affair: India's Curious Portrayal of Love in Cinema	Malayalam	Publisher: HarperCollins Publishers India	₹75,000/- each
			Author: Sanjay Suri	
Best Film Critic	N/A	English	Sohini Chattopadhyay	₹75,000/-

### Special Mention

All the awardees are awarded with a certificate.

Award	Book	Language	Awardee(s)	Cash Prize
Special Mention	Cinema Pahanara Manus	Marathi	Ashok Rane	Certificate Only
	Kannada Cinema: Jagathika Cinema Vikasa Prerane Prabhava	Kannada	P. R. Ramadasa Naidu	



Aryan Khan's arrest in the Mumbai cruise drugs case has brought the spotlight back on Bollywood and its relationship with drugs. From Ranbir Kapoor to Sanjay Dutt, in the past, many celebrities have spoken up about trying drugs and, in some cases, being addicted.

Here is a list of celebrities who openly discussed their drug addiction and motivated their fans to say no to drugs. Ranbir Kapoor in an earlier interview had mentioned that he smoked his share of weed during his time at film school. He also revealed that he used it again during the shoot of Rockstar as it helped him get into the character.

Fardeen Khan was arrested for allegedly possessing cocaine in 2001. The actor went through a detoxification course and filed an application seeking immunity in the case, which was granted to him in 2012.

Sanjay Dutt has been very vocal about his struggle with substance abuse. On Simi Garewal's chat show a few years ago, Sanjay had said that he could not recall a phase when he was really at peace. He started doing drugs in college.

Sanjay also admitted to having tried every drug in the book. At the India Today Conclave 2016, the actor revealed an incident that had taken place when he was under the influence of LSD, a psychedelic drug. Prateik Babbar opened up about his battle with drugs in an interview with IANS. Somy Ali, in a recent open letter to Aryan Khan's accuser, admitted to trying drugs in college in the USA and later with late actress Divya Bharti in Bangalore.

## Sameer Wankhede

Sameer Wankhede, a 2008 batch IRS officer, has acted against several Bollywood celebrities while handling customs, service tax and narcotics operations in different capacities. In a recent interview, he said, "I am not against Bollywood but I am against those who break the law."

Here is a list of 13 high-profile cases in which Sameer Wankhede took legal action against Bollywood celebrities over the years.

1. **Shah Rukh Khan:** In July 2011, Shah Rukh Khan was stopped and interrogated by a team of airport customs department headed by Sameer Wankhede. Shah Rukh Khan was fined Rs 1.5 lakh for carrying excess luggage. The actor had arrived at Mumbai airport after a family vacation in Holland and London.
2. **Minissha Lamba:** Actress Minissha Lamba was detained at Mumbai's Chhatrapati Shivaji Maharaj International Airport in May 2011 after arriving through an Emirates flight from Cannes. She was intercepted by a team of then assistant commissioner (customs) Sameer Wankhede. She had undeclared assorted diamond jewelry and other precious stones worth Rs 50 lakh. She was allowed to leave after 16 hours of investigation.
3. **Anushka Sharma:** In June 2011, a team of assistant commissioner (customs) Sameer Wankhede intercepted Anushka Sharma at Mumbai airport and found a diamond bracelet, necklaces, earrings and two expensive watches worth Rs 35 lakh undeclared. She was allowed to leave the airport after 11 hours.
4. **Katrina Kaif:** Katrina Kaif faced trouble in September 2012 at Mumbai airport when she arrived on a Cathay Pacific flight and exited the terminal without claiming any luggage. When her two assistants, P Chaddha and Arun Sharma, went again inside the terminal to collect the luggage, they were detained by Sameer Wankhede's team. The officials found an Apple iPad, Rs 30,000 undeclared cash and two bottles of whisky. The two were then questioned by then deputy commissioner (customs) Sameer Wankhede, and a fine of Rs 12,000 was slapped under the Foreign Exchange Regulation Act.
5. **Ranbir Kapoor:** In May 2013, Ranbir Kapoor was detained and fined Rs 60,000 after landing at Mumbai's Chhatrapati Shivaji Maharaj International Airport on a British Airways flight from London.

He was detained by Sameer Wankhede's team while using a passage meant strictly for officials and airport staff. When Kapoor's luggage was checked, undeclared expensive perfumes, clothes and footwear worth about Rs 1 lakh was found and a fine was imposed by Wankhede. He was detained for almost 40 minutes.

6. **Mika Singh:** In February 2013, singer Mika Singh was detained when he tried to move out of Mumbai international airport without declaring over Rs 9 lakh after he arrived from Bangkok. Singh was detained by the customs' Air Intelligence Unit headed by Sameer Wankhede. Two liquor bottles, sunglasses and perfumes were found in Mika's bag.
7. **Bipasha Basu:** Actress Bipasha Basu was stopped at Mumbai International Airport after arriving from London in 2011 by Sameer Wankhede's team and slapped with a fine of Rs 12,000 for not declaring imported valuables worth Rs 60 lakh. She had allegedly not declared footwear, designer sunglasses and handbags.
8. **Anurag Kashyap:** In August 2013, when Sameer Wankhede worked with the Service Tax Department as Deputy Commissioner, a fine of Rs 55 lakh was imposed on Anurag Kashyap for service tax evasion. His accounts were also sealed in December for not obeying the summons issued by the department.
9. **Vivek Oberoi:** In September 2013, actor Vivek Oberoi was summoned by the Service Tax Department, where Wankhede was posted as Deputy Commissioner, for allegedly evading service tax of Rs 40 lakh, which he had collected from producers.
10. **Rhea Chakraborty:** Actor Rhea Chakraborty was arrested on September 8, 2020, when Sameer Wankhede was heading the Mumbai office of the Narcotics Control Bureau (NCB) as Zonal Director. She was arrested based on her alleged WhatsApp chats and charges of consuming drugs.
11. **Deepika Padukone, Shraddha Kapoor, Sara Ali Khan:** The three actors were summoned and questioned in September 2020 based on WhatsApp chats which the NCB unearthed during its investigation of the Rhea Chakraborty drugs case.
12. **Armaan Kohli:** Actor Armaan Kohli was arrested by the NCB in August 2021 on charges of drug consumption. The arrest and raids were carried out

under NCB's Mumbai chief Sameer Wankhede's supervision.

13. **Aryan Khan:** Actor Shah Rukh Khan's son Aryan Khan was detained on October 2 and arrested the next day after a team lead by NCB's Sameer Wankhede busted a drug party that was allegedly planned on a Mumbai cruise. Actor Ananya Panday was also summoned and questioned by the NCB recently in this case.

## **Narcotics Control Bureau**

The Narcotics Control Bureau is the apex coordinating agency. It also functions as an enforcement agency through its zones and sub-zones. The zones and sub-zones collect and analyse data related to seizures of narcotic drugs and psychotropic substance, study trends, modus operandi, collect and disseminate intelligence and work in close cooperation with the Customs, State Police and other law enforcement agencies.

## **History of Narcotics Control Bureau**

The National Policy on Narcotic Drugs and Psychotropic Substances is based on the Directive Principles, contained in Article 47 of the Indian Constitution, which direct the State to endeavor to bring about prohibition of the consumption, except for medicinal purposes, of intoxicating drugs injurious to health. The government's policy on the subject which flows from this constitutional provision is also guided by the international conventions on the subject.

Implementation of the obligation in respect of counter measures against illicit traffic under the various international conventions and protocols that are in force at present or which may be ratified or acceded to by India in future.

Assistance to concerned authorities in foreign countries and concerned international organizations to facilitate coordination and universal action for prevention and suppression of illicit traffic in these drugs and substances.

Coordination of actions taken by the other concerned Ministries, Departments and Organizations in respect of matters relating to drug abuse.

## **Role and functions of the Narcotics Control Bureau**

The Narcotics Control Bureau was created in March 1986 in terms of Section 4 (3) of the Narcotic Drugs and Psychotropic Substances Act, 1985, which envisages an authority for taking measures with respect to such matters under the Act as may be specified by the Central Government, subject to the supervision and control of the

Central Government. The notification dated 17-3-1986 constituting the NCB sets out the following charter for the Bureau:

Assistance to the concerned authorities in foreign countries and concerned international organizations with a view to facilitating coordination and universal action for prevention and suppression of illicit traffic in narcotic drugs and psychotropic substances.

India is a party to the 1961 Single Convention, the 1971 Convention Against Psychotropic Substances and the 1988 Convention Against Illicit Traffic in Narcotic Drugs and Psychotropic Substances. India's obligations under these Conventions are implemented domestically through appropriate provisions in the NDPS Act.

At the operational level, India's drug law enforcement strategy has focused upon combating trafficking through appropriate intelligence, interdiction and investigative initiatives, eradicating illicit drug crops, preventing leakages from our licit opium crop, implementing a regime of domestic and international trade controls over select

precursor chemicals, and targeting assets derived from drug trafficking by confiscation and forfeiture. This coordinating role has been assigned to the Narcotics Control Bureau. In accordance with its charter, the Bureau discharges the following functions: -

- Coordination among various Central and State Agencies engaged in drug law enforcement;
- Assisting States, I enhancing their drug law enforcement effort;
- Collection and dissemination of intelligence;
- Analysis of seizure data, study of trends and modus operandi;
- Preparation of National Drug Enforcement Statistics;
- Liaison with International agencies such as UNDCP, INCB, INTERPOL, Customs Cooperation Council, RILO etc;
- National contact point for intelligence and investigations



# NOBEL PRIZE 2021



The Nobel Prize is five separate prizes that, according to Alfred Nobel's will of 1895, are awarded to "those who, during the preceding year, have conferred the greatest benefit to humankind."

Nobel Prizes are awarded in the fields of Physics, Chemistry, Physiology or Medicine, Literature, and Peace (Nobel characterized the Peace Prize as "to the person who has done the most or best to advance fellowship among nations, the abolition or reduction of standing armies, and the establishment and promotion of peace congresses"). In 1968, Sveriges Riksbank (Sweden's central bank) established the Prize in Economic Sciences in Memory of Alfred Nobel, founder of the Nobel Prize. Nobel Prizes are widely regarded as the most prestigious awards available in their respective fields.

Alfred Nobel was a Swedish chemist, engineer, and industrialist most famously known for the invention of dynamite. He died in 1896. In his will, he bequeathed all of his "remaining realizable assets" to be used to establish five prizes which became known as "Nobel Prizes." Nobel Prizes were first awarded in 1901.

The prize ceremonies take place annually. Each recipient (known as a "laureate") receives a gold medal, a diploma, and a monetary award. In 2021, the Nobel Prize monetary award is 10,000,000 SEK. A prize may not be shared among more than three individuals, although the Nobel Peace Prize can be awarded to organizations of more than three people. Although Nobel Prizes are not awarded posthumously, if a person is awarded a prize and dies before receiving it, the prize is presented.

The Nobel Prizes, beginning in 1901, and the Nobel Memorial Prize in Economic Sciences, beginning in 1969, have been awarded 603 times to 962 people and 25 organizations. Four individuals have received more than one Nobel Prize.

## Nominations

Nomination forms are sent by the Nobel Committee to about 3,000 individuals, usually in September the year

before the prizes are awarded. These individuals are generally prominent academics working in a relevant area. Regarding the Peace Prize, inquiries are also sent to governments, former Peace Prize laureates, and current or former members of the Norwegian Nobel Committee. The deadline for the return of the nomination forms is 31 January of the year of the award. The Nobel Committee nominates about 300 potential laureates from these forms and additional names. The nominees are not publicly named, nor are they told that they are being considered for the prize. All nomination records for a prize are sealed for 50 years from the awarding of the prize.

## Award ceremonies

Except for the Peace Prize, the Nobel Prizes are presented in Stockholm, Sweden, at the annual Prize Award Ceremony on 10 December, the anniversary of Nobel's death. The recipients' lectures are normally held in the days prior to the award ceremony. The Peace Prize and its recipients' lectures are presented at the annual Prize Award Ceremony in Oslo, Norway, usually on 10 December. The award ceremonies and the associated banquets are typically major international events. The Prizes awarded in Sweden's ceremonies are held at the Stockholm Concert Hall, with the Nobel banquet following immediately at Stockholm City Hall. The Nobel Peace Prize ceremony has been held at the Norwegian Nobel Institute (1905–1946), at the auditorium of the University of Oslo (1947–1989), and at Oslo City Hall (1990–present).

The highlight of the Nobel Prize Award Ceremony in Stockholm occurs when each Nobel laureate steps forward to receive the prize from the hands of the King of Sweden. In Oslo, the chairman of the Norwegian Nobel Committee presents the Nobel Peace Prize in the presence of the King of Norway and the Norwegian royal family. At first, King Oscar II did not approve of awarding grand prizes to foreigners. It is said that he changed his mind once his attention had been drawn to the publicity value of the prizes for Sweden.

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The Union Health and Family Welfare Minister Mansukh Mandaviya was awarded with a PhD degree from Bhavnagar University in Gujarat.

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## Medals

The Nobel Foundation announced on 30 May 2012 that it had awarded the contract for the production of the five (Swedish) Nobel Prize medals to Svenska Medalj AB. Between 1902 and 2010, the Nobel Prize medals were minted by Myntverket (the Swedish Mint), Sweden's oldest company, which ceased operations in 2011 after 107 years. In 2011, the Mint of Norway, located in Kongsberg, made the medals. The Nobel Prize medals are registered trademarks of the Nobel Foundation.

## Diplomas

Nobel laureates receive a diploma directly from the hands of the King of Sweden, or in the case of the peace prize, the chairman of the Norwegian Nobel Committee. Each diploma is uniquely designed by the prize-awarding institutions for the laureates that receive them. The diploma contains a picture and text in Swedish which states the name of the laureate and normally a citation of why they received the prize. None of the Nobel Peace Prize laureates has ever had a citation on their diplomas.

## Award money

The laureates are given a sum of money when they receive their prizes, in the form of a document confirming the amount awarded. The amount of prize money depends upon how much money the Nobel Foundation can award each year. The purse has increased since the 1980s, when the prize money was 880,000 SEK per prize. In 2009, the monetary award was 10 million SEK (US\$1.4 million). In June 2012, it was lowered to 8 million SEK. If two laureates share the prize in a category, the award grant is divided equally between the recipients. If there are three, the awarding committee has the option of dividing the grant equally, or awarding one-half to one recipient and one-quarter to each of the others. It is common for recipients to donate prize money to benefit scientific, cultural, or humanitarian causes.

## Overlooked achievements

Mahatma Gandhi, although nominated five times, was never awarded a Nobel Peace Prize. Although Mahatma Gandhi, an icon of nonviolence in the 20th century, was nominated for the Nobel Peace Prize five times, in 1937, 1938, 1939, 1947, and a few days before he was assassinated on 30 January 1948, he was never awarded the prize.

In 1948, the year of Gandhi's death, the Norwegian Nobel Committee decided to make no award that year on the grounds that "there was no suitable living candidate".

## Statistics

### Youngest person to receive a Nobel Prize:

- ✖ Malala Yousafzai; at the age of 17, received Nobel Peace Prize (2014).

### Oldest person to receive a Nobel Prize:

- ✖ John B. Goodenough; at the age of 97, received Nobel Prize in Chemistry (2019).

### Only person to receive more than one unshared Nobel Prize:

- ✖ Linus Pauling; received the prize twice. Nobel Prize in Chemistry (1954) and Nobel Peace Prize (1962).

### Laureates who have received Multiple Nobel Prizes:

- ✖ Marie Curie; received the prize twice. Nobel Prize in Physics (1903) and Nobel Prize in Chemistry (1911).
- ✖ International Committee of the Red Cross; received the prize three times. Nobel Peace Prize (1917, 1944, 1963).
- ✖ Linus Pauling; received the prize twice. Nobel Prize in Chemistry (1954) and Nobel Peace Prize (1962).
- ✖ John Bardeen; received the prize twice. Nobel Prize in Physics (1956, 1972).
- ✖ Frederick Sanger; received the prize twice. Nobel Prize in Chemistry (1958, 1980).
- ✖ United Nations High Commissioner for Refugees; received the prize twice. Nobel Peace Prize (1954, 1981).

### Posthumous Nobel Prizes laureates:

- ✖ Erik Axel Karlfeldt; received Nobel Prize in Literature (1931).
- ✖ Dag Hammarskjöld; received Nobel Peace Prize (1961).
- ✖ Ralph M. Steinman; received Nobel Prize in Physiology or Medicine (2011).

### Married couples to receive Nobel Prizes:

- ✖ Marie Curie, Pierre Curie (along with Henri Becquerel). Received Nobel Prize in Physics (1903).
- ✖ Irène Joliot-Curie, Frédéric Joliot. Received Nobel Prize in Chemistry (1935).
- ✖ Gerty Cori, Carl Cori. Received Nobel Prize in Medicine (1947).
- ✖ Gunnar Myrdal received Nobel Prize in Economics Sciences (1974), Alva Myrdal received Nobel Peace Prize (1982).
- ✖ May-Britt Moser, Edvard I. Moser. Received Nobel Prize in Medicine (2014)
- ✖ Esther Duflo, Abhijit Banerjee (along with Michael Kremer). Received Nobel Prize in Economics Sciences (2019).

## NOBEL PRIZES 2021

<b>The Nobel Prize in Physics 2021</b>	
Syukuro Manabe	“for the physical modelling of Earth’s climate, quantifying variability and reliably predicting global warming”
Klaus Hasselmann	“for the physical modelling of Earth’s climate, quantifying variability and reliably predicting global warming”
Giorgio Parisi	“for the discovery of the interplay of disorder and fluctuations in physical systems from atomic to planetary scales”
<b>The Nobel Prize in Chemistry 2021</b>	
Benjamin List	“for the development of asymmetric organocatalysis”
David W.C. MacMillan	“for the development of asymmetric organocatalysis”
<b>The Nobel Prize in Physiology or Medicine 2021</b>	
David Julius	“for their discoveries of receptors for temperature and touch”
Ardem Patapoutian	“for their discoveries of receptors for temperature and touch”
<b>The Nobel Prize in Literature 2021</b>	
Abdulrazak Gurnah	“for his uncompromising and compassionate penetration of the effects of colonialism and the fate of the refugee in the gulf between cultures and continents”
<b>The Nobel Peace Prize 2021</b>	
Maria Ressa	“for their efforts to safeguard freedom of expression, which is a precondition for democracy and lasting peace”
Dmitry Andreyevich Muratov	“for their efforts to safeguard freedom of expression, which is a precondition for democracy and lasting peace”
<b>The Sveriges Riksbank Prize in Economic Sciences in Memory of Alfred Nobel 2021</b>	
David Card	“for his empirical contributions to labour economics”
Joshua D. Angrist	“for their methodological contributions to the analysis of causal relationships”
Guido W. Imbens	“for their methodological contributions to the analysis of causal relationships”

Argentina has recently approved the emergency use of the Chinese Sinopharm Covid-19 vaccine for children aged between three and 11.

# QUIZ TIME | CURRENT AFFAIRS

## CURRENT AFFAIRS QUIZ

- Q.1** Which government offers free bus ride to senior citizens on International Day of Older Persons?  
 (1) Uttar Pradesh Government  
 (2) Delhi Government  
 (3) Punjab Government  
 (4) Assam Government  
 (5) Odisha Government
- Q.2** Who has took charge as Vice Chief of Indian Air Force?  
 (1) Sandeep Singh  
 (2) CP Mohanty  
 (3) Satish Namdeo Ghormade  
 (4) Bipin Rawat  
 (5) Ajay Kumar
- Q.3** Who is the next Prime Minister of Japan?  
 (1) Yoshihide Suga (2) Shinzō Abe  
 (3) Naoto Kan (4) Fumio Kishida  
 (5) Yukio Hatoyama
- Q.4** How much amount the Centre has approved release of the second installment of its share of the State Disaster Response Fund (SDRF) amounting in advance, to 23 states?  
 (1) Rs 7,274.40 crore (2) Rs 8,200.40 crore  
 (3) Rs 9,274.40 crore (4) Rs 3,200.40 crore  
 (5) Rs 5,278.40 crore
- Q.5** How much the gross GST revenue collected in the month of September 2021?  
 (1) ₹1, 67,000 crore (2) ₹1, 37,010 crore  
 (3) ₹1, 17,010 crore (4) ₹1, 29,010 crore  
 (5) ₹1, 00,010 crore
- Q.6** Which city has host the 40th "senior archery nationals" (recurve and compound) for both men and women?  
 (1) Jamshedpur (2) Cuttack (3) Bhopal  
 (4) Lucknow (5) Chennai
- Q.7** In which City the "hypogean freshwater eel" has discovered?  
 (1) Delhi (2) Mumbai (3) Bengaluru  
 (4) Bhuvneshwar (5) Chennai
- Q.8** "International Day of Older Persons" is celebrated which date?  
 (1) 01-Oct (2) 02-Oct (3) 03-Oct  
 (4) 30-Sep (5) 29-Sep
- Q.9** In 2021, how many scientists have been felicitated with the Shanti Swarup Bhatnagar Prize?  
 (1) 15 (2) 34 (3) 11  
 (4) 50 (5) 46
- Q.10** Which country has clinched the 2021 Ryder Cup?  
 (1) France (2) United State America  
 (3) Australia (4) Japan  
 (5) Chile
- Q.11** Which edition of "Indo-Nepal Joint Training Exercise" at Uttarakhand culminated?  
 (1) 10th (2) 11th (3) 12th  
 (4) 15th (5) 16th
- Q.12** What is the name of planet that orbiting three stars in its system?  
 (1) Circumtriple planet (2) 51 Pegasi b  
 (3) Eccentric planet (4) Darwin planet  
 (5) None of the above
- Q.13** Who among the following has conferred the Assam Government's biennial "Lokapriya Gopinath Bordoloi Award" 2021 for National Integration and National Contribution?  
 (1) Narendra Modi (2) Dharamendra Pradhan  
 (3) M. Venkaiah Naidu (4) Ajay Kumar  
 (5) Himanta Biswa Sarma
- Q.14** How many scientists have been felicitated with "the Shanti Swarup Bhatnagar Prize" 2021?  
 (1) 5 (2) 15 (3) 11  
 (4) 20 (5) 10
- Q.15** Who composed the theme song of the T20 World cup?  
 (1) Sonu Nigam (2) Sunil Trivedi  
 (3) Dev Patel (4) Malini Awasthi  
 (5) Amit Trivedi
- Q.16** At which of the following place the World's largest Khadi Tricolour unfurled on Gandhi Jayanti?  
 (1) New Delhi (2) Ladakh (3) Lucknow  
 (4) Pune (5) Shillong



- Q.17** Who has inaugurated "Retreat Ceremony" on India-Pak International Border in Jammu?  
 (1) Manoj Sinha (2) Ramnath Kovind  
 (3) Narendra Modi (4) Rajnath Singh  
 (5) M M Narvane
- Q.18** UN General Assembly President has received two doses of Covishield vaccine manufactured in India, who is the 76th UN General Assembly President?  
 (1) Gita Gopinath (2) Abdulla Shahid  
 (3) David Malpass (4) António Guterres  
 (5) None of the above
- Q.19** "World Animal Day" is celebrated which date?  
 (1) 01-Oct (2) 02-Oct (3) 03-Oct  
 (4) 04-Oct (5) 05-Oct
- Q.20** Which country has banned the import of organic fertilisers produced in China?  
 (1) Nepal (2) Japan (3) Sri Lanka  
 (4) Germany (5) France
- Q.21** How many pollution hotspots has been identified in Delhi?  
 (1) 50 (2) 75 (3) 150  
 (4) 100 (5) 125
- Q.22** Recently which of the following State government launched "Woman4Climate" programme?  
 (1) Maharashtra (2) Punjab (3) Kerala  
 (4) Karnataka (5) Goa
- Q.23** Which of the following organisation has observed "India Start-up Week" From October 4-9, 2021?  
 (1) Securities and Exchange Board of India  
 (2) Indian Chamber of Commerce  
 (3) Competition Commission of India  
 (4) National Skill Development Corporation  
 (5) Federation of Indian Chambers of Commerce and Industry
- Q.24** Which of the following is the latest version of Microsoft Office?  
 (1) Microsoft Office 2020  
 (2) Microsoft Office 2019  
 (3) Microsoft Office 2021  
 (4) Microsoft Office 2015  
 (5) Microsoft Office 2012
- Q.25** Recently who among the following has won the "Nobel Prize" 2021 in Physiology or Medicine?  
 (1) David Julius (2) Morris Herzstein  
 (3) David R. Malpass (4) 1 and 2 only  
 (5) 1, 2 and 3 only
- Q.26** Who among the following has nominated the Nobel Prize 2021 in Physics?  
 (1) Syukuro Manabe (2) Klaus Hasselmann  
 (3) Giorgio Parisi (4) 1 and 2 only  
 (5) 1, 2 and 3 only
- Q.27** Recently \_\_\_\_\_ and Cisco Systems expand global strategic partnership?  
 (1) Tata Communications  
 (2) Jio  
 (3) TCS  
 (4) Wipro  
 (5) BSNL
- Q.28** TVS Motor Company Signed MoU with which of the following to Collaborated on Electric Two-wheeler Charging Eco-system in India?  
 (1) Honda Motars (2) Tata Power  
 (3) Bajaj Automobiles (4) Hero Motors  
 (5) Royal Enfield
- Q.29** Who among the following has launched website "www.indianrdc.mod.gov.in" for Republic Day Celebrations - 2022  
 (1) Ramnath Kovind (2) Narendra Modi  
 (3) Amit Shah (4) Ajay Kumar  
 (5) Rajnath Singh
- Q.30** "World Teachers' Day" is celebrated which date?  
 (1) 01- October (2) 02- October  
 (3) 05- October (4) 04- October  
 (5) 03- October
- Q.31** Recently in which of the following city the "G20 Parliamentary Speakers Summit" 2021 held?  
 (1) Rome (2) Paris (3) New York  
 (4) London (5) New Delhi
- Q.32** Recently Arvind Trivedi has been passed away, he was associated with which profession?  
 (1) Economist  
 (2) Cricketer

Chief minister Yogi Adityanath has announced that the medical college in Chandauli district will be named after Aghor Panth's legendary spiritual Guru, Baba Keenaram.

## QUIZ TIME | CURRENT AFFAIRS

- (3) Television and Film actor  
(4) Journalist  
(5) Cartographer
- Q.33** Union Minister Purushottam Rupala announced over Rs 6 cr worth fishery projects to which of the following city?  
(1) Kolkata (2) Chennai  
(3) Bhuvneshwar (4) Leh  
(5) Paradweep
- Q.34** Who among the following has been awarded "the Champions of Change Award"?  
(1) Ms. Ssarita Singh (2) Namita Gokhale  
(3) Anand Kumar (4) Malala Yousafzai  
(5) Greta Thunberg
- Q.35** Which of the following has launched "Operation Sajag"?  
(1) Uttar Pradesh  
(2) Delhi Police  
(3) Madhya Pradesh Police  
(4) West Bengal Police  
(5) Kerala
- Q.36** Who among the following has inaugurated "the Ram Vanagaman tourism circuit"?  
(1) Bhupesh Baghel (2) Yogi Adityanath  
(3) Anandiben Patel (4) Anusuiya Uikey  
(5) Narendra Modi
- Q.37** Who among the following has awarded Noble Prize 2021 of Chemistry?  
(1) Benjamin List  
(2) Akira Yoshino  
(3) David W.C. MacMillan  
(4) 1 and 3 only  
(5) 1, 2 and 3 only
- Q.38** S V Sunil, who announced retirement, associated to which sport?  
(1) Boxing (2) Hockey (3) Cricket  
(4) Tennis (5) Badminton
- Q.39** Who among the following has took charge as the Chief Hydrographer to the Government of India?  
(1) V R Chaudhary (2) Vinay Badhwar  
(3) Gaurav Arya (4) Adhir Arora  
(5) R K Mathur
- Q.40** "World Financial Planning Day" is celebrated which date?  
(1) 05- October (2) 06- October  
(3) 03- October (4) 02- October  
(5) 01- October
- Q.41** Who among the following has been appointed by UP government as a single-person Commission of enquiry to probe the death of eight people on 3 October 2021 in Lakhimpur Kheri district?  
(1) Pradeep Kumar Srivastava  
(2) Awanish Kumar Awasthi  
(3) Sanjay Yadav  
(4) Munishwar Nath Bhandari  
(5) Pritinker Diwaker
- Q.42** According to World Bank, how much India's GDP growth in 2021-22?  
(1) 4.30% (2) 6.30% (3) 8.30%  
(4) 10.30% (5) 11.30%
- Q.43** Who among the following has inaugurated 35 pressure swing adsorption (PSA) oxygen plants established under the PM CARES fund in an event at AIIMS Rishikesh in Uttarakhand?  
(1) Narendra Modi (2) Ramnath Kovind  
(3) Rajnath Singh (4) Pushkar Singh Dhami  
(5) Gurmit Singh
- Q.44** Recently who among the following has addressed inaugural session of ICRIER's 13th "Annual International G-20 Conference"?  
(1) T. V. Somanathan (2) Piyush Goyal  
(3) Nirmala Sitharaman (4) Ajay Kumar Bhalla  
(5) Gita Gopinath
- Q.45** Recently which of the following has released "MUDRA Toolbox" in five Indian languages to diagnose dementia"?  
(1) Indian Heart Association  
(2) Indian Association for Medical Informatics  
(3) All India Institute Of Medical Sciences, New Delhi  
(4) Indian Council of Medical Research  
(5) Indian Medical Association

**Q.46** Recently how much apprentices has been hired in Skill India's "National Apprenticeship Mela" 2021?

- (1) 50,000 (2) 20,000 (3) 52,000  
(4) 35,000 (5) 52,000

**Q.47** Recently which government launched web portal for self-assessment of dust control norms?

- (1) Uttar Pradesh Government  
(2) Delhi Government  
(3) Kerala Government  
(4) Goa Government  
(5) Rajasthan Government

**Q.48** Who among the following has the first Indian to reach the women's wrestling final at "the World Championships"?

- (1) Anshu Malik (2) Shakshi Malik  
(3) Geeta Phogat (4) Babita Phogat  
(5) Alka Tomar

**Q.49** Recently WHO recommended to use "the RTS,S/AS01 (RTS,S)", what is the "the RTS,S/AS01 (RTS,S)"?

- (1) Polio vaccine  
(2) Rabies vaccine  
(3) Anti-malarial vaccine  
(4) COVID-19 vaccine  
(5) Dengue Vaccine

**Q.50** "World Cotton Day" is celebrated which date?

- (1) 03- October (2) 04- October  
(3) 05- October (4) 06- October  
(5) 07- October

**Q.51** Who among the following has won the award the "Nobel Peace Prize" 2021?

- (1) Maria Ressa (2) Dmitry Muratov  
(3) Greta Thunberg (4) 1 and 2 only  
(5) 1, 2 and 3 only

**Q.52** Who among the following has won the award the "Nobel Prize" 2021 for literature?

- (1) Abdulrazak Gurnah (2) Maria Ressa  
(3) Dmitry Muratov (4) Greta Thunberg  
(5) Louise Glück

**Q.53** Which Anniversary has been celebrated by Indian Air Force in the year 2021?

- (1) 80th Anniversary (2) 85th Anniversary  
(3) 89th Anniversary (4) 90th Anniversary  
(5) 94th Anniversary

**Q.54** Olympic gold medalist Neeraj Chopra's javelin received highest bid of how much amount in e-auction?

- (1) Rs 1.1 crore (2) Rs 1.5 crore  
(3) Rs 1.3 crore (4) Rs 1.4 crore  
(5) Rs 1.6 crore

**Q.55** The Monetary Policy Committee of the Reserve Bank of India has maintained the repo rate how much in the eighth consecutive time?

- (1) 2% (2) 3% (3) 4%  
(4) 6% (5) 7%

**Q.56** In how much amount the Tata group have won the bid to acquire the Air India?

- (1) Rs 10,000 crore (2) Rs 15,000 crore  
(3) Rs 40,000 crore (4) Rs 18,000 crore  
(5) Rs 20,000 crore

**Q.57** Who among the following has flags off "the Doon Drone Mela" 2021 in Uttarakhand?

- (1) Jyotiraditya Scindia  
(2) Narendra Modi  
(3) Pushkar Singh Dhami  
(4) Gurmit Singh  
(5) Amit Shah

**Q.58** Which team has won the Durand Cup 2021?

- (1) FC Mumbai (2) FC Army Red  
(3) FC Bengaluru (4) FC Goa  
(5) FC Mohammedan

**Q.59** Colonel Mamady Doumbouya has been sworn in as the Interim President of which country?

- (1) Chile (2) Liberia (3) Senegal  
(4) Egypt (5) Guinea

**Q.60** Which Indian organisation has been honoured with the "Right Livelihood Award" 2021?

- (1) Save the Children India  
(2) Sulabh International  
(3) Oxfam India  
(4) Vindhyan Ecology and Natural History Foundation  
(5) Legal Initiative for Forest and Environment

## QUIZ TIME | CURRENT AFFAIRS

- Q.61** Who among the following has created history, becomes first Indian woman to win silver medal in World Wrestling Championships 2022?  
 (1) Sakshi Malik (2) Anshu Malik  
 (3) Vinesh Phogat (4) Babita Kumari  
 (5) Navjot Kaur
- Q.62** Recently in which of the following country/countries Dr S Jaishankar External Affairs Minister has visited?  
 (1) Armenia (2) Kazakhstan (3) Kyrgyzstan  
 (4) 1 and 2 only (5) 1, 2 and 3 only
- Q.63** Recently Mette Frederiksen has been visited India and signed 4 agreement, she is Prime Minister of which country?  
 (1) Armenia (2) Kazakhstan (3) Kyrgyzstan  
 (4) Denmark (5) Norway
- Q.64** Recently who among the following has Chief Economic Adviser of India has step down at end of tenure?  
 (1) Ajay Kumar (2) T. V. Somanathan  
 (3) K.V. Subramanian (4) Rajiv Kumar  
 (5) Ajay Kumar Bhall
- Q.65** Recently Ministry of Jal Shakti target has been set to provide tap water to every household till which year?  
 (1) 2022 (2) 2023 (3) 2024  
 (4) 2025 (5) 2026
- Q.66** Recently who among the following has addressed the Mentees and Mentors of the GOAL program on 9th October 2021?  
 (1) Arjun Munda (2) Dr. Teejan Bai  
 (3) Vijay Sampla (4) Harsh Chouhan  
 (5) Bhagwan Lal Sahni
- Q.67** "World Postal Day" is celebrated which date?  
 (1) 7th October (2) 8th October  
 (3) 9th October (4) 10th October  
 (5) 11th October
- Q.68** Edayur and Kuttiaattoor, which were in news belong to which state?  
 (1) Goa (2) Kerala (3) Karnataka  
 (4) Odisha (5) Haryana
- Q.69** Which institution publishes the Global Financial Stability Report semi-annually?  
 (1) Asian Investment Infrastructure Bank  
 (2) International Monetary Fund  
 (3) Asian Development Bank  
 (4) New Development Bank  
 (5) World Bank
- Q.70** "State level shooting competition" concluded in which of the following state?  
 (1) Goa (2) Punjab (3) Assam  
 (4) Chhattisgarh (5) Kerala
- Q.71** Recently to which of the following country India has been agreed to sign 200 million US Dollar Line of Credit to support development projects?  
 (1) Kazakhstan (2) Kyrgyzstan (3) Tajikistan  
 (4) Turkmenistan (5) Uzbekistan
- Q.72** Recently actor Nedumudi Venu has died, he was associated with which film industry?  
 (1) Malayalam film (2) Tamil film  
 (3) Telugu film (4) Marathi film  
 (5) Punjabi film
- Q.73** Recently which of the following has recognized as "Asia's Dream Employer of the year" for the 5th time?  
 (1) Reliance Industries Limited  
 (2) Tata Consultancy Services  
 (3) Impetus Technologies (India) Private Limited  
 (4) Bajaj Auto Limited  
 (5) Bharti Tele-Ventures Limited
- Q.74** Who among the following has been awarded "Nobel Prize in Economic Sciences" 2021?  
 (1) David Card (2) Joshua Angrist  
 (3) Guido Imbens (4) All of the above  
 (5) None of the above
- Q.75** Team India won all medals on the final day of "the ISSF World Championship" 2021 in which of the following country?  
 (1) Chile (2) Mexico (3) China  
 (4) Peru (5) France
- Q.76** Recently Dr Abdul Qadeer Khan has died, he was belong to which country?  
 (1) Pakistan (2) Bangladesh  
 (3) Saudi Arabia (4) Iran  
 (5) Syria



- Q.77** Who among the following has embarked on a week-long US trip to attend the annual meet of the World Bank and IMF?  
 (1) Shakti Kant Das (2) Nirmala Sitharaman  
 (3) T. V. Somanathan (4) Narendra Modi  
 (5) Rajnath Singh
- Q.78** "International Day of the Girl Child" is celebrated which date?  
 (1) 07- October (2) 09- October  
 (3) 10- October (4) 11- October  
 (5) 08- October
- Q.79** Who has been honoured with the "Yidan Prize" 2021?  
 (1) Gita Gopinath and Larry Page  
 (2) Anant Agarwal and Larry Hedges  
 (3) Soma Mondal and Namita Gokhale  
 (4) Eric A. Hanushek and Dr Rukmini Banerji  
 (5) Usha Goswami and Sir Fazle Hasan
- Q.80** "Tax Inspectors Without Borders program" has been launched by which nation in partnership with India?  
 (1) Chile (2) Japan (3) Sri Lanka  
 (4) Seychelles (5) Mauritius
- Q.81** Recently Army Chief of India has been begins four-day visit to which country?  
 (1) Thailand (2) Russia (3) Nepal  
 (4) Sri Lanka (5) Maldives
- Q.82** The 30th edition of "New Delhi World Book Fair" will be held in physical form from 8-16 January 2022 at which city?  
 (1) Paris (2) London (3) New Delhi  
 (4) Mumbai (5) Kathmandu
- Q.83** Which of the following vaccine has been recommended for 2 to 18-year-olds in India?  
 (1) Covaxin (2) Sputnik V  
 (3) Covishield (4) Oxford–AstraZeneca  
 (5) Moderna
- Q.84** Who among has took the oath as new Chief Justice of Rajasthan High Court?  
 (1) Akil Kureshi  
 (2) Mohammad Rafiq  
 (3) Raghvendra Singh Chauhan  
 (4) Rajesh Bindal  
 (5) Sudhanshu Dhulia
- Q.85** Odisha has plans celebrate the "Hirakud Mahostav" on which of the following river bank?  
 (1) Brahmani River (2) Mahanadi River  
 (3) Baitarani River (4) Inderavati River  
 (5) Subarnarekha River
- Q.86** Who among the following has appointed as Chairman of the board of Fintech firm "BharatPe"?  
 (1) Soma Mondal  
 (2) Dinesh Kumar Khara  
 (3) Arundhati Bhattacharya  
 (4) Rajnish Kumar  
 (5) Rishi Sunak
- Q.87** Recently who among the following launched awareness phase II of awareness campaigns on HIV/AIDS and TB?  
 (1) Bharati Pawar (2) Amit Shah  
 (3) Rajnath Singh (4) Mansukh Mandaviya  
 (5) Gajendra Singh Shekhawat
- Q.88** Who among has took the oath as new Chief Justice of Allahabad High Court?  
 (1) Akil Kureshi (2) Rajesh Bindal  
 (3) Ravi Shanker Jha (4) Sanjay Karol  
 (5) Sudhanshu Dhulia
- Q.89** Which Indian state has received the GI tag for the Palghar's Wada Kolam rice?  
 (1) Goa (2) Odisha (3) Gujarat  
 (4) Uttar Pradesh (5) Maharashtra
- Q.90** Which of the following countries has unveiled the logo for soccer's 2024 European Championship?  
 (1) China (2) Japan (3) France  
 (4) Germany (5) Italy
- Q.91** Recently who among the following appointed President and Chief Revenue Officer MD of Cloud4C?  
 (1) Debdeep Sengupta (2) Rajeev Suri  
 (3) Shantanu Narayen (4) Arvind Krishna  
 (5) Ajaypal Singh Banga
- Q.92** Recently Srikanth has been passed away, he was associated with which profession?

## QUIZ TIME | CURRENT AFFAIRS

- (1) Politician (2) Actor (3) Economist  
(4) Journalist (5) Professor

**Q.93** Which of the following state government to set up "Arogya Vatika" in schools?

- (1) Delhi Government  
(2) Odisha Government  
(3) Uttar Pradesh Government  
(4) Kerala Government  
(5) Karnataka Government

**Q.94** Recently who among the following has gets "C K Prahalad Award" for "Business Sustainability Leadership"?

- (1) Julie Sweet (2) Kumar Mangalam Birla  
(3) Tim Cook (4) Satya Nadella  
(5) Sundar Pichai

**Q.95** TRIFED is working to get GI tag for how many potential tribal products?

- (1) 200 (2) 150 (3) 177  
(4) 100 (5) 250

**Q.96** Who among the following has launched "PM Gati Shakti"?

- (1) Ramnath Kovind (2) Narendra Modi  
(3) Amit Shah (4) Rajnath Singh  
(5) Nirmala Sitharaman

**Q.97** "The International Day for Disaster Risk Reduction" has been celebrated which date?

- (1) 13- October (2) 12- October  
(3) 11- October (4) 10- October  
(5) 09- October

**Q.98** Ajeeya Warrior is an annual joint military exercise of the Indian Army with which of the following country?

- (1) China (2) United Kingdom  
(3) Australia (4) Israel  
(5) Japan

**Q.99** Which of the following Institution has launched the 2021 State of the Education Report for India: No Teacher, No Class?

- (1) UNEP (2) UNESCO (3) UNFCCC  
(4) UNDP (5) UNICEF

**Q.100** Deep Space Atomic Clock, which was seen in the news is associated with which space agency?

- (1) GLONASS (2) JAXA (3) ISRO  
(4) NASA (5) SpaceX

**Q.101** How many teachers has been selected for "Dr Kalam Memorial Award 2021"?

- (1) 52 (2) 22 (3) 17  
(4) 10 (5) 15

**Q.102** Which of the following place the 17th Indo-US Joint Military Exercise Ex – "Yudh Abhyas 2021" has been held?

- (1) Alaska, the United States  
(2) Mahajan Field Firing Ranges in Bikaner, Rajasthan  
(3) Pokharan, Rajasthan  
(4) Vairengte, India  
(5) Joint Base Lewis McChord, United States

**Q.103** Chief of the Army Staff General M M Naravane has called on Sri Lanka's Prime Minister, who is the present Prime Minister of Sri Lanka?

- (1) Jayantha Jayasuriya  
(2) Mahinda Yapa Abeywardena  
(3) Mahinda Rajapaksa  
(4) Gotabaya Rajapaksa  
(5) Ranil Wickremesinghe

**Q.104** How many oxygen plants, PSA are operational under PM CARES fund?

- (1) 5000 (2) 4000 (3) 3000  
(4) 1000 (5) 2000

**Q.105** "World Standards Day" is celebrated which date?

- (1) 10-Oct (2) 11-Oct (3) 13-Oct  
(4) 12-Oct (5) 14-Oct

**Q.106** Which of the following company has been ranked first in the country in the 'Forbes World Best Employer - 2021'?

- (1) Reliance Industries Limited  
(2) Tata Consultancy Services  
(3) HCL Technologies  
(4) Wipro Limited  
(5) Air India

**Q.107** Who has been took oath as the new Chief Justice of the Madhya Pradesh High Court?

- (1) Raghvendra Singh Chauhan  
(2) Rajesh Bindal  
(3) Ravi Vijaykumar Malimath

- (4) Mohammad Rafiq  
(5) Sudhanshu Dhulia
- Q.108** Which Ministry has launched a "One Health" consortium envisioned to monitor zoonotic diseases and critical bacterial, viral and parasitic infections of cross-border pathogens?  
(1) Ministry of AYUSH  
(2) Minister of Science and Technology  
(3) Minister of Jal Shakti  
(4) Minister of Health and Family Welfare  
(5) Minister of New and Renewable Energy
- Q.109** In 2021, the 6th edition of Exercise AJEYA WARRIOR is taking place at which place?  
(1) Pokharan (2) Dehradun (3) Paradeep  
(4) Chaubatia (5) Pithoragarh
- Q.110** Which app has been launched by the government of India to provide all the detailed information about the Ports in the country?  
(1) NewindiaportApp (2) MartimePortApp  
(3) Apps4Port (4) MyPortApp  
(5) PortApp
- Q.111** Recently which security force has been celebrated their 37th Raising Day?  
(1) Border Security Force  
(2) Central Industrial Security Force  
(3) National Security Guard  
(4) Central Reserve Police Force  
(5) Indo Tibetan Border Police
- Q.112** What is the rank of India in "Global Hunger Index" 2021?  
(1) 103 (2) 102 (3) 100  
(4) 101 (5) 94
- Q.113** Which of the following team has win the 14 edition of "Indian Premier League" 2021?  
(1) Kolkata Knight Riders  
(2) Mumbai Indians  
(3) Chennai Super Kings  
(4) Sunrisers Hyderabad  
(5) Rajasthan Royals
- Q.114** Recently Union Home Amit Shah visited cellular jail, which of the following place cellular Jail is located?  
(1) Lakshadweep Islands  
(2) Andaman and Nicobar Islands  
(3) Dadra and Nagar Haveli  
(4) Daman and Diu  
(5) Wheeler Island
- Q.115** "International E-Waste Day" is celebrated on which date?  
(1) 15- October (2) 14- October  
(3) 13- October (4) 12- October  
(5) 11- October
- Q.116** Recently how many government sector as well as private sector schools has been affiliated to "Sainik Schools Society"?  
(1) 50 (2) 80 (3) 150  
(4) 100 (5) 200
- Q.117** Recently how many crore rupees net subsidy announced on Phosphatic and Potash (P&K) fertilizers?  
(1) Rs 20,600 crore (2) Rs 18,155 crore  
(3) Rs 28,655 crore (4) Rs 38,666 crore  
(5) Rs 10,555 crore
- Q.118** 'Amoria thoraе' which has been seen in the news is a new species of which one?  
(1) Sheep (2) Spider (3) Turtle  
(4) Snake (5) Marine Snail
- Q.119** Which of the following State/UT has launched "Desh Ke Mentor" programme?  
(1) Uttar Pradesh (2) Kerala (3) Odisha  
(4) Delhi (5) Puducherry
- Q.120** Manu Bhaker has won record-breaking medals for India in a single Championship in which event?  
(1) Badminton (2) Boxing (3) Archery  
(4) Shooting (5) Weightlifting
- Q.121** Farrukh Jaffer has been passed away, she was associated with which profession?  
(1) Economist (2) Politician (3) Actress  
(4) Journalist (5) Historian
- Q.122** Which of the following country has been clinched "SAFF Championship" 2021 title for 8th time?  
(1) India (2) Nepal (3) Maldives  
(4) France (5) Germany

## QUIZ TIME | CURRENT AFFAIRS

- Q.123** Who among the following has been won fencing competition in France?
- (1) Kavita Devi (2) Bhavani Devi  
(3) Jyotika Dutta (4) Dhaliwal Anoushka  
(5) Jas Seerat Singh
- Q.124** Which government has launched online registration for e-auto permits with 33 pc reservation for women?
- (1) Kerala government (2) Odisha government  
(3) Goa government (4) Delhi government  
(5) Jharkhand government
- Q.125** Recently Five-day biannual "Naval Commander's Conference" 2021 held in which of the following city?
- (1) Bhopal (2) Chennai (3) New Delhi  
(4) Mumbai (5) Kolkata
- Q.126** Recently who among the following has been elected Deputy Speaker of UP Assembly?
- (1) Nitin Agarwal  
(2) Ram Govind Chaudhary  
(3) Hriday Narayan Dikshit  
(4) Narendra Verma  
(5) Dinesh Sharma
- Q.127** Which state has launched "Red Light On, Gaadi Off" campaign across 100 crossings in the city to reduce vehicular emissions?
- (1) Haryana (2) Uttar Pradesh  
(3) Tamil Nadu (4) Assam  
(5) Delhi
- Q.128** "Global Handwashing Day" is celebrated which date?
- (1) 18-Oct (2) 17-Oct (3) 16-Oct  
(4) 15-Oct (5) 14-Oct
- Q.129** Which company has Wins Prestigious "S&P Global Platts Global Metal Award"?
- (1) Hindustan Copper  
(2) National Mineral Development Corporation  
(3) Hindustan Zinc  
(4) National Aluminium Company  
(5) Rajasthan State Mines and Minerals
- Q.130** Which is the first city in India to use ropeway services in public transportation?
- (1) Darjeeling (2) Guwahati (3) Shimla  
(4) Dehradun (5) Varanasi
- Q.131** Who among the following has been launched "Mera Ghar Mere Naam" scheme?
- (1) Charanjit Channi (2) Pushkar Singh Dhami  
(3) Yogi Adityanath (4) Bhupendra Patel  
(5) Bhupesh Baghel
- Q.132** Who among the following has been Wins Prince William's inaugural 'Eco-Oscar' Award?
- (1) Anand Kumar (2) Vidyut Mohan  
(3) Sundar Pichai (4) K Sivan  
(5) Dr Anish Ghosh
- Q.133** Recently on which bank RBI has been imposed penalty of one crore?
- (1) Axis Bank (2) ICICI Bank  
(3) State Bank of India (4) Indian Bank  
(5) Bank of Baroda
- Q.134** Who among the following flags off "Modi Van" under "Seva Hi Sangathan" programme?
- (1) Ramnath Kovind (2) Rajnath Singh  
(3) Yogi Adityanath (4) Amit Shah  
(5) Narendra Modi
- Q.135** Which of the following force has won gold medal at Cambrian Patrol Exercise in UK?
- (1) The Indian Army (2) The Indian Navy  
(3) The Indian Air Force (4) Border Security Force  
(5) Indo-Tibetan Border Police
- Q.136** Recently which country has declared state of emergency over crime wave?
- (1) Peru (2) Chile (3) Ecuador  
(4) Mexico (5) Ukraine
- Q.137** Recently who among the following has been awarded Marylebone Cricket Club (MCC) life membership?
- (1) Harbhajan Singh (2) Suresh Raina  
(3) Javagal Srinath (4) 1 and 3 only  
(5) 1, 2 and 3 only
- Q.138** "World Pediatric Bone and Joint Day" has been celebrated which date?
- (1) 20- October (2) 19- October  
(3) 18- October (4) 17- October  
(5) 16- October



**Q.139** The financial inclusion campaign named "6S Campaign" has been launched by which of the following bank?

- (1) Punjab National Bank
- (2) State Bank of India
- (3) Canara Bank
- (4) Bank of Baroda
- (5) Axis Bank

**Q.140** Who among the following has been appointed as the CEO of "the Pradhan Mantri Fasal Bima Yojana"?

- (1) Soma Mondal
- (2) Vipul Bansal
- (3) Ajay Kumar
- (4) Ritesh Chauhan
- (5) Meera Mohanty

**Q.141** Recently Raksha Mantri launched web-based project monitoring portal for Military Engineer Services, which organisation has developed this portal?

- (1) Tata Consultancy Services
- (2) Centre for Development of Advanced Computing
- (3) Bhaskaracharya National Institute for Space Applications and Geo-informatics
- (4) National Informatics Centre
- (5) None of the above

**Q.142** Prime Minister Modi inaugurated Kushinagar International Airport in UP and India is committed to developing & providing better connectivity to Buddhist Holy places, why the Kushinagar is famous?

- (1) The final resting place of Gautama Buddha
- (2) The birth place of Gautama Buddha
- (3) The first sermon place of Gautama Buddha
- (4) The place where Gautama Buddha admitted women in Sangha
- (5) The place where Gautama Buddha has received Kaivalya

**Q.143** Recently Rajeev Chandrasekhar addressed the Confederation of Indian Industry's "Future Tech 2021" event, he has held which Portfolio?

- (1) Ministry of Micro, Small and Medium Enterprises
- (2) Ministry of Skill Development and Entrepreneurship

(3) Ministry of Cooperation

(4) Ministry of Finance

(5) Minister of State in the Ministry of Food Processing Industries

**Q.144** Recently Minister of State for External Affairs for External Affairs V Muraleedharan inaugurated "Aatmanirbhar Bharat corner" in Sudan to showcase "India's arts & handicrafts", who is the Prime Minister of Sudan?

- (1) Abdel Fattah al-Burhan
- (2) Abdalla Hamdok
- (3) Abdel Fattah el-Sisi
- (4) Najib Mikati
- (5) Naftali Bennett

**Q.145** Minister of State for Health and Family Welfare Dr. Bharati Pravin Pawar has addressed Annual "FICCI Healthcare Excellence Awards" Ceremony, in which year "the FICCI Healthcare Excellence Awards" was conceptualised?

- (1) 2000
- (2) 2005
- (3) 2009
- (4) 2013
- (5) 2015

**Q.146** "Dharamshala International Film Festival" 2021 has unveiled line-up for 10th edition, who was the founder of this?

- (1) Ritu Sarin
- (2) Tenzing Sonam
- (3) Salim Khan
- (4) 1 and 2
- (5) All of the above

**Q.147** Navrang Saini has been given the additional charge of the Chairperson of which of the following organisation?

- (1) Steel Authority of India Limited
- (2) Telecom Regulatory Authority of India
- (3) State Bank of India
- (4) Insurance Regulatory and Development Authority
- (5) Insolvency and Bankruptcy Board of India

**Q.148** SEBI has formed a four-member high powered advisory committee on settlement orders and compounding of offences. Who is the head of this committee?

- (1) Rajnish Kumar
- (2) Dinesh Kumar Khara
- (3) Rajiv Kumar
- (4) Vijay C Daga
- (5) PK Malhotra

## QUIZ TIME | CURRENT AFFAIRS

- Q.149** Who among the following has been appointed as the President of Berlin Film Festival 2022?  
 (1) Amitabha Bachchan (2) M Night Shyamalan  
 (3) Mrinal Sen (4) Jackie Chan  
 (5) Shyam Benegal
- Q.150** "The World Statistics Day" is celebrated which date?  
 (1) 20-Oct (2) 19-Oct (3) 18-Oct  
 (4) 17-Oct (5) 16-Oct
- Q.151** Recently how much amount income tax refunds issued by CBDT during the current financial year?  
 (1) Rs 82,961 crore (2) Rs 72,961 crore  
 (3) Rs 92,961 crore (4) Rs 52,961 crore  
 (5) Rs 22,961 crore
- Q.152** Which of the following an Indian Air Force plane crashed in Bhind district of Madhya Pradesh?  
 (1) Mirage 2000 (2) MiG-29  
 (3) Sukhoi Su-30 (4) Dassault Rafale  
 (5) Boeing C-17
- Q.153** In which of the following city the UN COP26 (Conference of the Parties) climate summit 2021?  
 (1) Peris (2) England (3) Glasgow  
 (4) Rio de Janeiro (5) Nagoya
- Q.154** Which of the following actor has been joined CoinDCX for "Future Yahi Hai" campaign?  
 (1) Amir Khan (2) Shahrukh Khan  
 (3) Ajay Devgan (4) Ayushman Khurana  
 (5) Ranveer Kapoor
- Q.155** Who among the following has authored a new book titled "Sir Syed Ahmad Khan: Reason, Religion And Nation"?  
 (1) Faizan Mustafa (2) Shafey Kidwai  
 (3) Najma Akhtar (4) Tariq Mansoor  
 (5) Aundhati Roy
- Q.156** Recently 'Naro Space Center' has launched first domestically made space rocket, it is Space Centre of which country?  
 (1) Japan (2) Russia (3) France  
 (4) South Korea (5) Pakistan
- Q.157** Union Health Minister launched song to celebrated India's milestone of administering 100 crore COVID-19 vaccine from which of the following monument?  
 (1) Red Fort (2) India Gate (3) Taj Mahal  
 (4) Qutub Minar (5) Ayodhya Temple
- Q.158** "Police Commemoration Day" is celebrated which date?  
 (1) 19- October (2) 18- October  
 (3) 22- October (4) 20- October  
 (5) 21- October
- Q.159** Jonas Gahr Store has been sworn in as the new Prime Minister of which of the following country?  
 (1) Japan (2) Ireland (3) Norway  
 (4) Iran (5) Germany
- Q.160** Which of the following has launched India Digital Trade Facilitation Forum for micro, small and medium enterprises (MSMEs)?  
 (1) Paytm (2) Axis Bank (3) PhonePay  
 (4) MobiKwik (5) PayPal
- Q.161** Who among the following has wins European Union's "Sakharov Prize"?  
 (1) Alexei Navalny (2) Vladimir Putin  
 (3) Dmitry Medvedev (4) Erna Solberg  
 (5) Sanna Marin
- Q.162** Recently the Reserve Bank of India (RBI) has imposed a penalty of Rs 1 crore on which of the following "Payments Bank"?  
 (1) Fino Payments Bank Limited  
 (2) India Post Payments Bank Limited  
 (3) Paytm Payments Bank Limited  
 (4) Airtel Payments Bank Limited  
 (5) NSDL Payments Bank Limited
- Q.163** Who among the following has launched 7th phase of "Seva Setu initiative" to mark Amit Shah's birthday?  
 (1) Jai Ram Thakur (2) Bhupendra Patel  
 (3) Uddhav Thackeray (4) N.Biren Singh  
 (5) Shivraj Singh Chouhan
- Q.164** Recently which of the following organisation promised to achieve USD 1 trillion investment in solar energy by 2030?  
 (1) ISA General Assembly  
 (2) International Monetary Fund  
 (3) Asian Development Bank

(4) The International Bank for Reconstruction and Development

(5) UN General Assembly

**Q.165** Recently Prime Minister Narendra Modi has interacted with beneficiaries, stakeholders of "Aatmanirbhar Bharat Swayampurna Goa Programme", this Programme was launched on which of the following year?

- (1) 01-Oct-15 (2) 01-Oct-20 (3) 02-Oct-00  
(4) 14-Oct-10 (5) 12-Oct-18

**Q.166** What is the theme of World Osteoporosis Day in 2021?

- (1) Strength Your Bones  
(2) Serve Up Bone Strength  
(3) That's Osteoporosis  
(4) Strong Women Make Stronger Women  
(5) None of the above

**Q.167** China has launched its first solar exploration satellite into space. What is the name of the satellite?

- (1) Cheng e-5 (2) Mazu (3) Xihe  
(4) Tian (5) Fengyun-2A

**Q.168** Which of the following bank has launched the new digital platform named Abacus 2.0?

- (1) Yes Bank (2) Kotak Mahindra Bank  
(3) Axis Bank (4) RBL Bank  
(5) IndusInd Bank

**Q.169** Who among the following has won the title of "Miss India Earth" 2021?

- (1) Sonam Verma (2) Priyanka Sharma  
(3) Rani Soni (4) Rashmi Madhuri  
(5) Vibha Singh

**Q.170** "The International Chefs Day" is observed annually on which date?

- (1) 20-Oct (2) 22-Oct (3) 21-Oct  
(4) 18-Oct (5) 19-Oct

**Q.171** India handed over "Jaynagar-Kurtha cross-border rail link" to which of the following country?

- (1) Nepal (2) Bangladesh (3) Pakistan  
(4) Bhutan (5) Myanmar

**Q.172** Recently Indian Navy has conducted Offshore Sailing Regatta from Kochi to which of the following place?

- (1) Kochi to Bangalore (2) Kochi to Mangalore  
(3) Kochi to Goa (4) Kochi to Mumbai  
(5) Kochi to Gujarat

**Q.173** The International Monetary Fund's Chief Economist and Director of the Research Department, Gita Gopinath will leave the organisation in January 2022, she is associated with which Indian State?

- (1) Tamil Nadu (2) Kerala (3) Punjab  
(4) West Bengal (5) Delhi

**Q.174** Recently which of the following has elected its first-ever president, removing UK's Queen Elizabeth?

- (1) Canada (2) Australia (3) Barbados  
(4) Bermuda (5) Kenya

**Q.175** "International Snow Leopard Day" is celebrated which date?

- (1) 23-Oct (2) 22-Oct (3) 21-Oct  
(4) 20-Oct (5) 24-Oct

**Q.176** Recently player Rupinder Pal Singh has announced his retirement, he is associated with which sport?

- (1) Tennis (2) Hockey (3) Football  
(4) Boxing (5) Shooting

**Q.177** Recently Dr. Ngozi Okonjo-Iweala, Director General (DG) of which of the following organisation visited India?

- (1) World Trade Organization  
(2) World Bank  
(3) International Monetary Fund  
(4) Asian Development Bank  
(5) International Bank for Reconstruction and Development

**Q.178** What is the rank of India in the "Mercer CFS Global Pension Index survey" 2021?

- (1) 44 (2) 35 (3) 30  
(4) 43 (5) 40

**Q.179** What is the theme of "International Chefs Day" 2021?

- (1) Healthy Art on healthy food  
(2) Healthy Art on a Plate  
(3) How Healthy Food Works  
(4) Healthy Food for the Future  
(5) Healthy Foods for Growing Up

## QUIZ TIME | CURRENT AFFAIRS

- Q.180** Which of the following ministry has issued notification for setting up of seven "PM MITRA Parks"?
- (1) Ministry of Finance
  - (2) Ministry of Corporate Affairs
  - (3) Ministry of Steel
  - (4) Ministry of Textiles
  - (5) Ministry of Commerce and Industry
- Q.181** Which government is been launched the "Patakhe Nahi Diya Jalao" campaign?
- (1) Uttar Pradesh Government
  - (2) Kerala Government
  - (3) Goa Government
  - (4) Delhi Government
  - (5) Assam Government
- Q.182** Prime Minister Modi has launched "Ayushman Bharat Health Infrastructure Mission" in which district?
- (1) Mahoba
  - (2) Varanasi
  - (3) Bhopal
  - (4) Visakhapatnam
  - (5) Tinsukia
- Q.183** Which organisation has launched its digital Agro platform - "Famrut"?
- (1) Tata Consultancy Services
  - (2) Wipro Limited
  - (3) ESDS Software Solution Limited
  - (4) Cognizant
  - (5) Onward Technologies
- Q.184** Recently who among the following has conferred upon prestigious "Dadasaheb Phalke Award"?
- (1) Akshay Kumar
  - (2) Rajinikanth
  - (3) Ajay Devgan
  - (4) Amir Khan
  - (5) Dhanush
- Q.185** Who among the following chaired Ambassadors' Round Table for DefExpo 2022?
- (1) Ajay Kumar
  - (2) Ramnath Kovind
  - (3) Rajnath Singh
  - (4) Amit Shah
  - (5) Amitabh Kant
- Q.186** Union Minister for Education and Skill Development inaugurated phase-II of "Mahatma Gandhi National Fellowship" who among the following is Education minister?
- (1) Dharmendra Pradhan
  - (2) Bhupender Yadav
  - (3) Hardeep Singh Puri
  - (4) Pashu Pati Kumar Paras
  - (5) Gajendra Singh Shekhawat
- Q.187** Who among the following has received the 67th National Film Awards of Best Actress award?
- (1) Savani Ravindra
  - (2) Kangana Ranaut
  - (3) Priyanka Chopra
  - (4) Deepika Padukod
  - (5) Prabha Varma
- Q.188** "International Artists' Day" is celebrated which date?
- (1) 25- October
  - (2) 24- October
  - (3) 23- October
  - (4) 22- October
  - (5) 21- October
- Q.189** Which of the following country has been newly added to the Financial Action Task Force grey list?
- (1) Nepal
  - (2) Sri Lanka
  - (3) Bangladesh
  - (4) Pakistan
  - (5) Turkey
- Q.190** Who has been appointed as the Head of OnePlus India region operations as well as the CEO of OnePlus in India?
- (1) Ajit Mohan
  - (2) Rahul Sharma
  - (3) Navnit Nakra
  - (4) Kirthiga Reddy
  - (5) Ajay Kumar
- Q.191** Who among the following has chaired the 38th PRAGATI meeting?
- (1) Dharamendra Pradhan
  - (2) Narendra Modi
  - (3) Ajay Kumar
  - (4) G C Murmu
  - (5) Pradeep Kumar Joshi
- Q.192** Who among the following has been launched SBM-U 2.0, AMRUT 2.0 in New Delhi?
- (1) Narendra Modi
  - (2) Ramnath Kovind
  - (3) Narendra Singh Tomar
  - (4) Narayan Tatu Rane
  - (5) Dr. Virendra Kumar
- Q.193** The citizens of which country has voted to legalise abortion in a historic referendum?



- (1) Namibia (2) Switzerland (3) Chile  
(4) San Marino (5) Fiji

**Q.194** Defence Acquisition Council has been cleared proposals worth over how much amount for armed forces?

- (1) 13,000 crore rupees (2) 11,000 crore rupees  
(3) 8,000 crore rupees (4) 15,000 crore rupees  
(5) 20,000 crore rupees

**Q.195** In which of the following organisation the centre has infusion of 4,400 crore rupees for boost export sector?

- (1) Securities and Exchange Board of India  
(2) Steel Authority of India Limited  
(3) Export Credit Guarantee Corporation  
(4) Indian Oil Corporation Limited.  
(5) None of the above

**Q.196** Cabinet approves continuation of "PM POSHAN scheme" in Schools for how many years?

- (1) 2 years (2) 3 years (3) 4 years  
(4) 5 years (5) 6 years

**Q.197** How much growth rate of "Index of Eight Core Industries" (Base: 2011-12=100) for August, 2021?

- (1) 10.40% (2) 11.40%  
(3) 16.40% (4) 8.40%  
(5) 20.40%

**Q.198** Who was selected as the external auditor of the International Atomic Energy Agency (IAEA)?

- (1) Narendra Modi (2) Ramnath Kovind  
(3) Yashpal Sahni (4) Devendra Singh  
(5) G C Murmu

**Q.199** The "sweet cucumber" of which state was awarded a geographical identification (GI) tag?

- (1) Goa (2) Nagaland (3) Punjab  
(4) Odisha (5) Assam

**Q.200** Who became the first batter to score 1000 runs against one team in the IPL?

- (1) M S Dhoni (2) Virat Kohli  
(3) Rohit Sharma (4) Harbhajan Singh  
(5) Virender Sehwag

## ANSWER KEY

Q.1.(2)	Q.2.(1)	Q.3.(4)	Q.4.(1)	Q.5.(3)	Q.6.(1)	Q.7.(2)	Q.8.(1)	Q.9.(3)	Q.10.(2)
Q.11.(4)	Q.12.(1)	Q.13.(3)	Q.14.(3)	Q.15.(5)	Q.16.(2)	Q.17.(1)	Q.18.(1)	Q.19.(4)	Q.20.(3)
Q.21.(3)	Q.22.(1)	Q.23.(2)	Q.24.(3)	Q.25.(4)	Q.26.(5)	Q.27.(1)	Q.28.(2)	Q.29.(4)	Q.30.(3)
Q.31.(1)	Q.32.(3)	Q.33.(4)	Q.34.(1)	Q.35.(2)	Q.36.(1)	Q.37.(4)	Q.38.(2)	Q.39.(4)	Q.40.(2)
Q.41.(1)	Q.42.(3)	Q.43.(1)	Q.44.(2)	Q.45.(4)	Q.46.(3)	Q.47.(2)	Q.48.(1)	Q.49.(3)	Q.50.(5)
Q.51.(4)	Q.52.(1)	Q.53.(3)	Q.54.(2)	Q.55.(3)	Q.56.(4)	Q.57.(1)	Q.58.(4)	Q.59.(5)	Q.60.(5)
Q.61.(2)	Q.62.(5)	Q.63.(4)	Q.64.(3)	Q.65.(1)	Q.66.(2)	Q.67.(3)	Q.68.(2)	Q.69.(2)	Q.70.(4)
Q.71.(2)	Q.72.(1)	Q.73.(3)	Q.74.(4)	Q.75.(4)	Q.76.(1)	Q.77.(2)	Q.78.(4)	Q.79.(4)	Q.80.(4)
Q.81.(4)	Q.82.(3)	Q.83.(1)	Q.84.(1)	Q.85.(2)	Q.86.(4)	Q.87.(1)	Q.88.(2)	Q.89.(5)	Q.90.(4)
Q.91.(1)	Q.92.(2)	Q.93.(3)	Q.94.(4)	Q.95.(3)	Q.96.(2)	Q.97.(1)	Q.98.(2)	Q.99.(2)	Q.100.(4)
Q.101.(2)	Q.102.(1)	Q.103.(3)	Q.104.(4)	Q.105.(5)	Q.106.(1)	Q.107.(3)	Q.108.(2)	Q.109.(4)	Q.110.(4)
Q.111.(3)	Q.112.(4)	Q.113.(3)	Q.114.(2)	Q.115.(2)	Q.116.(4)	Q.117.(3)	Q.118.(5)	Q.119.(4)	Q.120.(4)
Q.121.(3)	Q.122.(1)	Q.123.(2)	Q.124.(4)	Q.125.(3)	Q.126.(1)	Q.127.(5)	Q.128.(4)	Q.129.(3)	Q.130.(5)
Q.131.(1)	Q.132.(2)	Q.133.(3)	Q.134.(4)	Q.135.(1)	Q.136.(3)	Q.137.(4)	Q.138.(2)	Q.139.(1)	Q.140.(4)
Q.141.(3)	Q.142.(1)	Q.143.(2)	Q.144.(2)	Q.145.(3)	Q.146.(4)	Q.147.(5)	Q.148.(4)	Q.149.(2)	Q.150.(1)
Q.151.(3)	Q.152.(1)	Q.153.(3)	Q.154.(4)	Q.155.(2)	Q.156.(4)	Q.157.(1)	Q.158.(5)	Q.159.(3)	Q.160.(5)
Q.161.(1)	Q.162.(3)	Q.163.(2)	Q.164.(1)	Q.165.(2)	Q.166.(2)	Q.167.(3)	Q.168.(4)	Q.169.(4)	Q.170.(1)
Q.171.(1)	Q.172.(3)	Q.173.(4)	Q.174.(3)	Q.175.(1)	Q.176.(2)	Q.177.(1)	Q.178.(5)	Q.179.(4)	Q.180.(4)
Q.181.(4)	Q.182.(2)	Q.183.(3)	Q.184.(2)	Q.185.(3)	Q.186.(1)	Q.187.(2)	Q.188.(1)	Q.189.(5)	Q.190.(3)
Q.191.(2)	Q.192.(1)	Q.193.(4)	Q.194.(1)	Q.195.(3)	Q.196.(4)	Q.197.(3)	Q.198.(5)	Q.199.(2)	Q.200.(3)

**SBI PO PRE/ENGLISH LANGUAGE**

**Q.1-5.** In the following questions, a sentence with a highlighted word has been given. Find out the word that replaces the highlighted word to make the sentence meaningful. If the sentence is correct as it is, mark your answer as (5).

**Q.1.** Crop planting has expanded to a new record of 110.45 million hectares, **raising** 5.7% over last year and setting the stage for another bumper harvest.

- (1) Raise (2) Rising (3) Rise  
(4) To raise (5) No change required.

**Q.2** Each family had a **duel** organization which has been called the Social, the Local.

- (1) Dual (2) Laid (3) Dwell  
(4) Faze (5) No change required.

**Q.3** The students have been **anticipate** announcement of the exam dates since unlock 1.0.

- (1) Anticipates (2) Expecting (3) Delay  
(4) Accept (5) No change required.

**Q.4** The WHO has advised all the nations to **improved** facilities of infrastructure in health sector.

- (1) improving (2) properly  
(3) ameliorate (4) helping  
(5) No change required

**Q.5** We've known for a long time that the emotional content of films and television programs can **affect** psychological health.

- (1) Effecting (2) effect (3) Affected  
(4) Affecting (5) No change required.

**Q.6-8.** In the following questions, a sentence with some highlighted words has been given. Find out the words that need to be interchanged to make the sentence meaningful. If the sentence is correct as it is, mark your answer as (5).

**Q.6.** Around the world, more than 4.8 million (A) **people** consume their nutrition (B) **supplements** every day. Like Herbalife, many (C) **companies** offer dietary (D) **products** for nearly every category.

- (1) A-D (2) C-D (3) B-D  
(4) A-B (5) No change required.

**Q.7** Digital transformation is the (A) **requirements** of digital technology in the business, (B) **fundamentally** changing how you deliver value to the (C) **customers** and meet the changing market (D) **integration**.

- (1) A-D (2) C-D (3) B-C  
(4) A-B (5) No change required.

**Q.8** Some plantations may be (A) **economic** to maximize their (B) **managed** return, but more (C) **commonly** trees are grown until they reach a size that is (D) **optimum** for the intended market.

- (1) A-D (2) C-D (3) B-D  
(4) A-B (5) No change required.

**Q.9-13.** In the following question, four words have been given. Select the incorrect word(s) and mark your answer. If all the words are correctly spelt, your answer is (5).

**Q.9** a. Accommodate b. Archives  
c. Changeability d. Assassination

- (1) Only c (2) Only a (3) Only d  
(4) Only b (5) All of the above

**Q.10** a. Commissioner b. Deligence  
c. Millennium d. Reimbursement

- (1) Only c (2) Only a (3) Only d  
(4) Only b (5) All of the above

**Q.11** a. Compassionate b. Convalescence  
c. Cognizance d. Confluence

- (1) Only c (2) Only a (3) Only d  
(4) Only b (5) All of the above

**Q.12** a. Gynaecologist b. Fluorescent  
c. Fahrenheit d. Harasment

- (1) Only c (2) Only a (3) Only d  
(4) Only b (5) All of the above

**Q.13-17.** Read the sentences to find out the error. The error, if any, will be in one part of the sentences, the number of that part is the answer. Find out the error and mark your answer. If the sentences are free from errors, your answer is (5).

**Q.13** (1) The Ooty Radio Telescope was  
(2) one of the first radio telescope that  
(3) were set up in the country, and the first observations of a  
(4) lunar occultation event were made on February 18, 1970.  
(5) No error

- Q.14** (1) In 1733, Franklin began to publish the noted  
(2) Poor Richard's Almanack under the pseudonym  
(3) Richard Saunders, on which much of  
(4) his popular reputation is based.  
(5) No error

- Q.15** (1) In February 2020,  
(2) the Giant Metrewave Radio Telescope helped to  
(3) witness a biggest explosion  
(4) in the history of the universe.  
(5) No error

- Q.16** (1) PM Interacts with  
(2) Street Vendors, Ask  
(3) them To Stop Use  
(4) of Single-Use Plastic Bottles.  
(5) No error

- Q.17** (1) Each of the members whom  
(2) the team has chosen  
(3) to take part in the discussion have  
(4) indicated that he will be happy to do so.  
(5) No error

**Q.18-20. In each of the following questions, which of the following sentences is grammatically correct? Mark your answer accordingly.**

- Q.18.** (1) Convictions are most dangerous enemies of truth than lies.  
(2) Convictions are the most dangerous enemies of truth than lies.  
(3) Convictions are most dangerous enemies of truth to lies.  
(4) Convictions are more dangerous enemies of truth than lies.  
(5) Convictions are the dangerous enemies of truth than lies.

- Q.19** (1) One must chose, in life between making money and spending it.  
(2) One must choose, in life among making money and spending it.  
(3) One must choose, in life between making money to spending it.  
(4) One must chooses, in life between making money and spending it.  
(5) One must choose, in life between making money and spending it.

- Q.20** (1) Many people lose his tempers merely from seeing you keep yours.  
(2) Many people loose his tempers merely from seeing you keep yours.  
(3) Many people lose their tempers merely from seeing you keep yours.  
(4) Many people loses her tempers merely from seeing you keep yours.  
(5) Many people lose one's tempers merely from seeing you keep yours.

**Q.21-25. In the following passage, there are blanks each of which has been numbered. Choose the word that can be filled in the blank to.**

The inevitable has happened. India's GDP suffered its steepest contraction on record in the April-June quarter, as output \_\_\_\_\_(A) 23.9% from a year earlier, provisional data show. It is evident that the \_\_\_\_\_(B) COVID-19 lockdowns in force through the first third of the quarter, and substantially in May, hollowed out demand. Private consumption spending, which accounts for almost 60% of GDP, contracted 26.7% as consumers \_\_\_\_\_(C) almost all discretionary spending. And exports, which contribute to a fifth of GDP and reflect overseas demand for Indian goods and services, shrank by nearly 20%. Investment activity was the worst-hit, collapsing 47% and shrinking in share of GDP to about 22% from 32% a year earlier as larger businesses conserved cash and refrained from any capital spending in the face of uncertainty, and smaller firms prioritised survival. Across the real economy, every single industry and services sector shrank with the solitary exception of agriculture, which grew 3.4% and outpaced the year earlier quarter's 3% expansion. Construction suffered the most, plunging 50%, followed by the \_\_\_\_\_(D) services category - trade, hotels, communication, transport and broadcasting - which shrank 47%, hit by the pandemic-linked restrictions. Manufacturing too took a severe beating, contracting 39% as demand for products deemed non-essential evaporated, and factories, even after reopening, struggled to run \_\_\_\_\_(E) shortages of labour and added safety norms.

**Q.21** Choose the correct answer for (A).

- (1) grew (2) rose (3) shrank  
(4) raised (5) drowned

**Q.22** Choose the correct answer for (B).

- (1) lenient              (2) prolong              (3) flexible  
 (4) lax                  (5) stringent

**Q.23** Choose the correct answer for (C).

- (1) accepted              (2) increased              (3) confront  
 (4) abjured              (5) enjoyed

**Q.24** Choose the correct answer for (D).

- (1) strident              (2) essential              (3) other  
 (4) omnibus              (5) different

**Q.25** Choose the correct answer for (E).

- (1) because              (2) amid                  (3) surrounding  
 (4) on                      (5) off

**Q.26-30. Read the passage carefully and the answer the questions based on it. Certain words have been given in bold to help you locate the answers.**

There was a wealthy merchant who had 4 wives. He loved the 4th wife the most and adorned her with rich robes and treated her to delicacies. He took great care of her and gave her nothing but the best.

He also loved the 3rd wife very much. He's very proud of her and always wanted to show off her to his friends. However, the merchant is always in great fear that she might run away with some other men.

He too loved his 2nd wife is a very considerate person, always patient, and in fact, is the merchant's confidant. Whenever the merchant faced some problems, he always turned to his 2nd wife, and she would always help him out and tide him through difficult times.

Now, the merchant's 1st wife is a very loyal partner and has made great contributions in maintaining his wealth and business as well as taking care of the household. However, the merchant did not love the first wife, and although she loved him deeply, he hardly took notice of her.

One day, the merchant fell ill. Before long, he knew that he was going to die soon. He thought of his luxurious life and told himself, "Now I have 4 wives with me. But when I die, I'll be alone. How lonely I'll be!"

Thus, he asked the 4th wife, "I loved you most, **endowed** you with the finest clothing and showered great care over you. Now that I'm dying, will you follow me and keep me company?" "No

way!" replied the 4th wife, and she walked away without another word.

The answer cut like a sharp knife right into the merchant's heart. The sad merchant then asked the 3rd wife, "I have loved you so much for all my life. Now that I'm dying, will you follow me and keep me company?" "No!" replied the 3rd wife. "Life is so good over here! I'm going to remarry when you die!" The merchant's heart sank and turned cold.

He then asked the 2nd wife, "I always turned to you for help, and you've always helped me out. Now I need your help again. When I die, will you follow me and keep me company?" "I'm sorry, I can't help you out this time!" replied the 2nd wife "At the very most, I can only send you to your grave." The answer came like a bolt of thunder, and the merchant was devastated.

Then a voice called out: "I'll leave with you. I'll follow you no matter where you go." The merchant looked up, and there was his first wife. She was so skinny, almost like she suffered from malnutrition. Much **grieved**, the merchant said, "I should have taken much better care of you while I could have!"

Actually, we all have 4 wives in our lives.

The 4th wife is our body. No matter how much time and effort we lavish in making it look good, it'll leave us when we die.

Our 3rd wife? Our possessions, status, and wealth. When we die, they all go to others.

The 2nd wife is our family and friends. No matter how close they had been there for us when we're alive, the furthest they can stay by us is up to the grave.

The 1st wife is, in fact, our soul, often neglected in our pursuit of material, wealth, and sensual pleasure.

Guess what? It is the only thing that follows us wherever we go. Perhaps it's a good idea to cultivate and strthen it now rather than to wait until we're on our deathbed to lament.

**Q.26 With reference to the passage, why did the merchant's heart sink and turn cold?**

- (1) Because his 4th wife not agreed to follow him and keep him company while he was dying.  
 (2) When he listened the reply from the 3rd wife, Life was so good over there and she was going to remarry when he died.



- (3) Because the 2nd wife said at the very most, she could only send him to your grave.  
 (4) When he listened a voice "I'll leave with you. I'll follow you no matter where you go."  
 (5) When he realized that material, wealth and sensual pleasure are transient and soul is eternal.

**Q.27 As per the passage, why did the merchant fall ill?**

- (1) He neglected his health in pursuit of material, wealth and sensual pleasure.  
 (2) He became old and haggard  
 (3) All his wives enjoyed his wealth and property but they were not taken any care.  
 (4) He was attacked with a dangerous flu in a pochteyotle.  
 (5) Not mentioned in the passage.

**Q.28 What is the antonym of the word 'grieved' according to the passage?**

- (1) Mourned (2) Aggrieved (3) Lamented  
 (4) Rejoiced (5) Sorrowed

**Q.29 What is the synonym of the word 'endowed' according to the passage?**

- (1) Bestowed (2) Clever (3) Artistic  
 (4) Impoverish (5) Loved

**Q.30 What can be inferred after reading the passage carefully?**

- (1) We should neglect all material, wealth and sensual pleasure and our soul should be cultivated and strengthened.  
 (2) Our soul should be cultivated and strengthened without neglecting, in pursuit of material, wealth and sensual pleasure.  
 (3) One shouldn't have more than one wife.  
 (4) Though how many wives and material, wealth we possess, only the first wife will stay with us.  
 (5) One should love one's all wives equally.

## SBI PO PRE/QUANTITATIVE APTITUDE

**Q.31** A bank offers 10% compound interest per four months. A customer deposits Rs 5000 each on 1st January, on 1st April and on 1st August of a year. At the end of the year, find the amount he would have gained by means of interest?

- (1) Rs.1050 (2) Rs.3205 (3) Rs.5000  
 (4) Rs.2500 (5) None of these

**Q.32** A box is in the shape of a cuboid. Find the length of the longest rod which can be placed inside the box. Length, width and height of the box are 8cm, 6cm and 10 cm respectively.

- (1) 12 cm (2) 16 cm (3)  $20\sqrt{2}$  cm  
 (4)  $10\sqrt{2}$  cm (5) None of these

**Q.33** There are two mixture in a shop .first mixture contains milk and water in the ratio 1:4 while the 2nd container contains milk and water in the ratio 3:2. If both the mixture are mixed in a container then it gave milk and water in 9:11 ratio. Then find the ratio in which both the mixture are mixed with each other.

- (1) 29:30 (2) 3:5 (3) 35:34  
 (4) 6:7 (5) None of these

**Q.34** A shopkeeper blends two varieties of sugar, one costing Rs.60 per kilogram and Rs.105 per kilogram. The respective ratio of quantities they

were mixed in was 7:2. If he sold the mixed variety at Rs.100 per kilogram, how much was his profit percentage?

- (1)  $34\frac{2}{7}$  (2)  $38\frac{2}{5}$  (3)  $32\frac{2}{5}$   
 (4)  $42\frac{6}{7}$  (5)  $48\frac{6}{7}$

**Q.35** Kohli, Suresh and Ishan can complete a work in 6hr. In a given work Ishan worked for 6hr while Kohli and Suresh worked for 3hr and 75% of the work gets completed. Then find out the time in which Kohli and Suresh will complete the given work.

- (1) 12hr (2) 10hr (3) 15hr  
 (4) 18hr (5) None of these

**Q.36** There are three cars P,Q and R. Speed of car P is 13/12 times of car Q. Speed of car R is 5/13 times of car P. If they cover the same distance of 260km and average of speed of all the three cars is 50km/hr. then how much time taken by faster car to travel?

- (1) 4hr 20 min. (2) 10hr 24min.  
 (3) 4hr (4) 6hr 12 min.  
 (5) None of these

**Q.37** The ratio of the density of three kinds of oil kerosene, petrol and diesel is 9:7:5. The density

of kerosene is 27gm/cc and kerosene, petrol and diesel mixed in the ratio of 6:4:5 by weight. If a litre of petrol cost Rs.40, then find the cost of petrol in 750 kg of mixture of kerosene, petrol and diesel?

- (1) Rs.1000      (2) Rs.800      (3) Rs. 900  
(4) Rs.480      (5) None of these

**Q.38** Rajan invest money in 3 different scheme for 6 years, 10 years and 12 years at the rate 10%, 12% and 15% SI respectively at the completion of each scheme he gets the same interest. Then find the ratio of his investment?

- (1) 6 : 3 : 2      (2) 6 : 2 : 3      (3) 3 : 6 : 2  
(4) 2 : 3 : 6      (5) None of these

**Q.39** What is the ratio of the savings of Ritesh, Rakesh and Rohan. If their income ratio of 7:9:12 and their expenditure ratio is 8:9:15, if Rohan saves 25% of his income.

- (1) 15:18:11      (2) 11:18:15      (3) 18:11:15  
(4) 11:15:18      (5) None of these

**Q.40** Seven coins are tossed simultaneously. Find the probability of getting exactly 4 heads.

- (1) 17/64      (2) 35/128      (3) 9/32  
(4) 3/8      (5) None of these

**Q.41-45.** Each of these questions consist of a question followed by information in three statements. You have to study the question and the statements and decide that information in which of the statement(s) is/are necessary to answer the question.

**Q.41.** How many articles were sold?

- I. Total profit earned was Rs. 1,596/-.  
II. Cost-price per article was Rs.632/-.  
III. Selling price per article was Rs.765/-.

- (1) II and III only  
(2) I and II only  
(3) All I, II and III  
(4) Any two of the three  
(5) Question cannot be answered even with the information in all three statements

**Q.42** What is the capacity of the cylindrical tank?

- I. Radius of the base is half of its height.  
II. Area of the base is 616 square metres.  
III. Height of the tank is 28 metres.

- (1) Only I and II  
(2) Only II and III

(3) Only I and III

(4) All I, II and III

(5) Any two of the three

**Q.43** What is the speed of the train?

- I. The train crosses a signal pole in 18 secs.  
II. The train crosses a platform of equal lth in 36 secs.  
III. Lth of the train is 300 metres.

- (1) I and III only  
(2) II and III only  
(3) I and II only  
(4) III and either I or II  
(5) Any two of the three

**Q.44** What is the two-digit number?

- I. Number obtained by interchanging the digits is more than the original number by 9.  
II. Sum of the digits is 7.  
III. Difference between the digits is 1.

- (1) I and III only  
(2) I and II only  
(3) II and III only  
(4) All I, II and III  
(5) All three together are not sufficient

**Q.45** What is the staff strength of Company 'X'? (Staff consist of officers and workers)

- I. Male and female employees are in the ratio of 2: 3 respectively.  
II. Among officers 80% are females and among workers 75% are males.  
III. Difference of male workers and male officers is 240.

- (1) I and III only  
(2) II and either III or I only  
(3) All I, II and III  
(4) Any two of the three  
(5) all three statements together are not sufficient

**Q.46-50.** What approximate value should come in place of question mark (?) in the following question?

**Q.46.**  $\sqrt{6560} \times 3.017 + 119.99 \times 1.998 - 39.781\%$  of 479.908 = ?

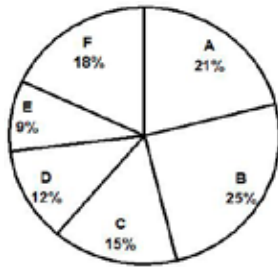
- (1) 290      (2) 260      (3) 310  
(4) 340      (5) 240

- Q.47**  $159 \times 43 - 37 \times 57 = ?^2$   
 (1) 40 (2) 50 (3) 60  
 (4) 70 (5) 80
- Q.48**  $79.998\%$  of 680.06 +  $125.001\%$  of 449.998 +  $20.01\%$  of 249.789 = ?  
 (1) 1200 (2) 1300 (3) 1050  
 (4) 1150 (5) 1250
- Q.49**  $24.99\%$  of  $979.907 \times 12.08 + 111.999 \div 4.034 - 45\%$  of 349.998 = ?  
 (1) 2600 (2) 2400 (3) 2800  
 (4) 2500 (5) 3000
- Q.50**  $1482 - 253 = 499\%$  of ?  
 (1) 1250 (2) 1300 (3) 1200  
 (4) 1150 (5) 1350

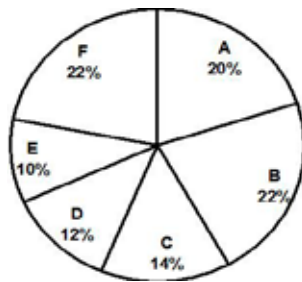
**Q.51-55.** Read the following pie-chart carefully and answer the questions given below.

Percentage wise distribution of players participating from different countries in Commonwealth Games.

Total number of players = 3200



Total number of male players = 1800



- Q.51** What is the sum of number of female players from country D and number of male players from country C?  
 (1) 420 (2) 428 (3) 424  
 (4) 437 (5) None of these
- Q.52** What is the average of number of male players from country E and number of female players from country A?

- (1) 242 (2) 248 (3) 238  
 (4) 246 (5) None of these

**Q.53** What is the respective ratio between the number of male players in country B and number of female players in country C?

- (1) 31:17 (2) 35:23 (3) 29:13  
 (4) 33:19 (5) None of these

**Q.54** What is the difference between the number of male players from country A and number of female players from country E?

- (1) 250 (2) 248 (3) 255  
 (4) 258 (5) None of these

**Q.55** The number of male players from country F is **approximately** what percentage of the number of female players from country B?

- (1) 93 (2) 98 (3) 88  
 (4) 85 (5) 102

**Q.56-57.** The below five men and women have been given the day and work accomplished in as many days. Answer questions on this basis.

Male	Days	Work completed
Lalu	10	20%
Ranu	14	14%
Gaurav	16	25%
Lochan	14	7%
Karan	25	50%

Female	Days	Work completed
Nidhi	12	12.5%
Sony	7	14.28%
Aarzoo	5	16.66%
Pallavi	12	30%
Geetu	28	40%

**Q.56** Find the number of days in which Lalu, Ranu and Aarzoo will complete the work?

- (1)  $15\frac{15}{19}$  Days (2)  $16\frac{5}{19}$  Days  
 (3)  $17\frac{6}{19}$  Days (4)  $18\frac{4}{19}$  Days  
 (5) None of these

**Q.57** Find a group of 3 person which will complete the work quickest?

- (1) Aarzoo, Pallavi, Karan  
 (2) Gaurav, Sony, Pallavi  
 (3) Aarzoo, Pallavi, Sony

(4) Karan, Nidhi, Sony

(5) None of these

**Q.58-60. Read the following information carefully to answer the questions asked-**

There are three persons in a family A, B and C. A's age is 3 years more than B's age. B's age is 4 times of C's age. They have celebrated their birthday in the different ratio A's birthday celebration is 500% of C's birthday celebration and B's birthday celebration is 0.7 times of A's birthday celebration.

**Note-** This is not necessary that every year birthday is celebrated by A, B and C.

**Q.58** Ratio of age of C and D is in the ratio of 2:5 and E and D in the ratio of 4:5. If E age is 6 years more than C. Then find the age of E?

- (1) 12                      (2) 18                      (3) 9  
(4) 15                      (5) None of these

**Q.59** If E stops celebrating his birthday for the next 10 years. In this time period rest of the person celebrated their birthday for equal number of times. Because of this birthday celebration average of birthday celebration average of all the 5 person increases by 0.8 years. Then find how many times A celebrated his birthday. (Note-use data calculated in previous questions)

**Note** –consider A, B, C, D and E only. (Kindly use the result data of previous question)

- (1) 3                      (2) 5                      (3) 1  
(4) 9                      (5) None of these

**Q.60** If a new person Z comes in this group of A, B, C, D and E. when Z comes in the group the average age of the group is increases by 3.2 years. Then find the age of the new person 'Z'. (Kindly use the result data of previous question)

- (1) 12                      (2) 36                      (3) 42  
(4) 30                      (5) None of these

**Q.61-65.** In each of the following question, a question is followed by information given in two statement named as Quantity-I (Q1) and Quantity –II (Q2). You have to study the information and compare the value derived from Quantity-I and Quantity-II. Then answer –

- (1)  $Q1 > Q2$                       (2)  $Q1 \geq Q2$   
(3)  $Q1 < Q2$                       (4)  $Q1 \leq Q2$   
(5)  $Q1 = Q2$  or no relationship can be established

**Q.61** What is the speed of Bus ?

Q1- Bus covers 104.4 km. distance in 5 hours and 48 minutes.

Q2- Car covers 170 km in that time in which bus covers 153 km and speed of car is 20 km/hr.

**Q.62** Find the average-

Q1- Average of first 12 prime numbers.

Q2- Average of first 9 multiple of 3.

**Q.63** Find effective discount percentage-

Q1- Shopkeeper gives 5 articles free on purchase of 13 articles.

Q2- Shopkeeper gives two successive discounts of 12% and 20% .

**Q.64** Find the rate of interest-

Q1- After 2 years Rs.3200 becomes Rs. 4050 at Compound interest.

Q2- A principal becomes doubles itself at the end of 7.5 years at Simple interest.

**Q.65** What is the total number of boys in school?

Q1- Ratio of total number of boys and total number of girls in school is 5:6. If 18 girls are included then this ratio will become 4:5.

Q2- In the school there are 472 students in which 25% are girls.

## SBI PO PRE / REASONING ABILITY

**Q.66-67.** A man starts from point A moves 20m south now he turns to his right and moves 15m, now he turns to the right and moves 16m. Finally, he turns to the right and moves 12m.

**Q.66** How far and in which direction the person from the starting point?

- (1) 5m/South-East                      (2) 6m/South  
(3) 5m/South-West                      (4) 7m/North

(5) None of these

**Q.67** From the ending point, if a man moves 4m north and reach to point B, than point B is how far and in which direction from point A?

- (1) 3m west                      (2) 4m west  
(3) 4m east                      (4) 3m east  
(5) None of these



**Q.68** How many such pairs of letters are there in the word **COMMONWEALTH** each of which have as many letters between them in the word, as they have in the English alphabet ?

- (1) Nine (2) Eight (3) Seven  
(4) Six (5) None of these

**Q.69** Among A, B, C, D and E each having different weight. C is only heavier than A and B. D is heavier than E. Who will be third when they are arranged in ascending order of their height?

- (1) A (2) B (3) D  
(4) C (5) E

**Q.70-73.** Study the following information carefully and answer the question asked.

There are 7 floors in a building number 1 to 7. Seven people B, C, D, E, F, G and H live on different floors.

- (1) G does not live on 1st and 6th floor.  
(2) C lives an even numbered floor.  
(3) There is only one floor between G and H.  
(4) Number of floor between G and H is same as G and D.  
(5) E does not live on 1st and even numbered floors.  
(6) There are two floors between B and D. D does not live below B.

**Q.70** Find the odd one out from the given alternatives.

- (1) E (2) H (3) F  
(4) B (5) G

**Q.71** How many floors is/are between H and E?

- (1) 3 (2) 4 (3) 2  
(4) 5 (5) Can't be determined

**Q.72** If C lives on 6th floor then what is the number of F's floor?

- (1) 2 (2) 3 (3) 4  
(4) 5 (5) 6

**Q.73** Who lives on Top floor?

- (1) E (2) C (3) F  
(4) G (5) Can't be determined

**Q.74-78.** In each of the question, four statements and two conclusions are given below. You have to take the given statements to be true (even if they seem to be

at variance with commonly known facts.) Read all the conclusions and then decide which of the given conclusions logically follows.

- (1) If only conclusion I follows.  
(2) If only conclusion II follows.  
(3) If either conclusion I or II follows.  
(4) If neither conclusion I nor II follows.  
(5) If both conclusions I and II follow.

**Q.74. Statement :**

Some L are M. All M are T.  
Some J are T. No M is J.

**Conclusion :**

- I. Some T are not M.  
II. Some T are not J.

**Q.75 Statements:**

All collapsible are not terminus.  
All terminus are polite.  
Some terminus are appeal.  
All polite are expand.

**Conclusions:**

- I. Some expand are collapsible.  
II. Some polite not being terminus is a possibility.

**Q.76 Statement :**

Some M are not N. No N is M.  
Some P are not Q. All Q are N.

**Conclusion :**

- I. Some N are not P.  
II. Some Q are not P.

**Q.77 Statement :**

Some M are not N. No N is M.  
Some P are not Q. All Q are N.

**Conclusion :**

- I. Some M are not Q  
II. Some Q are not M

**Q.78 Statement :**

All P are J. No J is K.  
All K are T. All G are K

**Conclusion :**

I. Some P are not G.

II. Some P are not T.

**Q.79-81.** Question are based on three letter words.**PIN ROD DEN SAT FUN GOT TOP****Q.79** If all the letters in each of the words are arranged alphabetically than how many words will remain unchanged?

- (1) 0 (2) 1 (3) 2  
(4) 3 (5) 4

**Q.80** If first letter of each word is changed to the previous letter of the english alphabetical series, than how many words will have more than one vowel?

- (1) 0 (2) 1 (3) 2  
(4) 3 (5) 4

**Q.81** If all the words are arranged according to the English alphabetical order, than the positions of how many words will remain unchanged?

- (1) 0 (2) 1 (3) 2  
(4) 3 (5) 4

**Q.82-85.** Study the following information carefully and answer the question given below.

In a certain coding language-

"Ethane Ciera Doglous" is written as "ma na ch".

"Neo matrix Ethane" is written as "Pa Ka ma"

"Doglous Ethane Neo" is written as "ch ma pa"

"Ethane Tom Neo" is written as "ma da pa"

"Neo Tom Doglous" is written as "pa da ch".

**Q.82** What does "da" stands for?

- (1) Tom (2) Matrix (3) Neo  
(4) Ethane (5) Doglous

**Q.83** What is code for "Ciera"?

- (1) ma (2) ch (3) pa  
(4) da (5) None of these

**Q.84** What is code for "Ethane" ?

- (1) pa (2) ch (3) na  
(4) ma (5) None of these

**Q.85** What is code for "matrix"?

- (1) ma (2) pa (3) ka  
(4) Either 1 or 2 (5) None of these

**Q.86-90.** Study the following information carefully and answer the question given below.

In a row of 12 students, D is on third place from W and seventh to the left of H. B is fourth to the left of G, who is not near to H and C. I is second to the left of A. D is fourth to the right of E. F is not near to D and G but near to J. K is third to the left of F but not near to G. H is at one end. (All are facing in the same direction)

**Q.86** How many students are sitting between F and A?

- (1) Four (2) Five (3) Six  
(4) Three (5) Can't be determined

**Q.87** G is sitting between—

- (1) D and I (2) W and A (3) J and K  
(4) A and I (5) Can't be determined

**Q.88** Who are sitting at the end of the row ?

- (1) W and J (2) H and K (3) E and H  
(4) A and E (5) Can't be determined

**Q.89** How many students are sitting between K and D?

- (1) Three (2) Two (3) Four  
(4) Five (5) None

**Q.90** What is the position of D with respect to A ?

- (1) 5th to the right (2) 6th to the left  
(3) 4th to the left (4) 6th to the right  
(5) 3rd to the left

**Q.91-95.** Study the information carefully and answer the following questions given below.

There are 8 persons A, B, C, D, E, F, G and H are sitting in two parallel rows having four persons in each row, in such a way that there is an equal distance between the persons who sits adjacent to one another. Four of them are facing south and four of them are facing north. Therefore in the given seating arrangement each member seated in a row faces another member of the other row.

- (1) They all earn different salaries, F is seated second to the right of the person whose salary is fourth highest.  
(2) A's salary is not 4th or 2nd highest. The person whose salary is 2nd highest is seated opposite

to one who is third to the left of D.

- (3) Salary of E is less than the salary of G and salary of B is more than the salary of C.
- (4) The person whose salary is 3rd highest seated immediate right of C, who is not immediate near to the person whose salary is 4th highest.
- (5) A is seated second to the left of the person whose salary is second lowest.
- (6) The salary of C is not 4th highest. G is seated opposite to the one who is immediate near to A. H's salary is third lowest.
- (7) B sits neither immediate near nor opposite to F but immediate left of H. The person whose salary is lowest does not sit at any of the extreme ends of the rows.

**Q.91** Which of the following group of person facing north?

- (1) FHEA                      (2) CEAD                      (3) HCBF
- (4) DCGB                      (5) Cannot be determine

**Q.92** Which of the following statement is true regarding the given seating arrangement ?

- (1) C earns 4th highest salary and sits second to the left of H.
- (2) F is immediate to the left of G and earns highest salary
- (3) A earns third highest salary and seated opposite to the person who earns lowest salary
- (4) D earns third highest salary and seated opposite to B
- (5) More than one of the above is true

**Q.93** Who amongst the following sit at extreme ends of rows ?

- (1) FCAD                      (2) DCBG                      (3) FGCD
- (4) DEAF                      (5) None of these

**Q.94** Who earns highest salary amongst them ?

- (1) A                              (2) B                              (3) D
- (4) F                              (5) G

**Q.95** Who sits immediate left of E ?

- (1) F                              (2) D                              (3) A
- (4) G                              (5) C

**Q.96-100.** Study the following information to answer the given questions.

Six trains are schedule in six different days for six different cities. Six different trains are Lucknow mail, Marudhar exp, Prusotum exp, Farraka exp, Sampark Karanti, Bramputra exp. Six different days starting from Monday and Ending on Saturday and six different cities are New delhi, Lucknow, Mumbai, Chennai, Bengaluru and Kanpur.

Train Marudhar exp is going on Thursday. Lucknow mail does not runs on friday and goes to Lucknow. Farraka exp is going to Bengaluru and Samprak Karnati is going on Saturday. Mumbai city will go on Wednesday. New delhi will not go by Pursotum and Sampark Kranti. Pursotum exp immediately after Lucknow mail but not on Wednesday. Kanpur will go on Saturday.

**Q.96** Which combination of day and train is true

- (1) Prusotum Exp - Monday
- (2) Lucknow Mail - Thursday
- (3) Bramputra Exp - Wednesday
- (4) Farraka Exp - Monday
- (5) None of these

**Q.97** Which train will go on Tuesday?

- (1) Prusotum Exp                      (2) Lucknow Mail
- (3) Bramputra Exp                      (4) Data inadequate
- (5) None of these

**Q.98** Marudhar exp will go on which day?

- (1) Monday                              (2) Tuesday
- (3) Wednesday                              (4) Data Inadequate
- (5) None of these

**Q.99** Which train will go to Kanpur?

- (1) Prusotum Exp                      (2) Lucknow mail
- (3) Bramputra Exp                      (4) Data inadequate
- (5) None of these

**Q.100** Choose the correct combination of train, days and city ?

- (1) Marudhar exp, Monday, New delhi
- (2) Farraka exp, Kanpur, Wednesday
- (3) Lucknow mail, Monday, Lucknow
- (4) Data Inadequate
- (5) None of these

**EXPLANATION/SBIPO PRE/ENGLISH LANGUAGE**

- Q.1.(2)** Rising (v- increase) should be used here as a gerund.  
**For other options-**  
Rise (v): increase  
Raise (v): make grow, elevate
- Q.2.(1)** Dual (adj): two  
**For other options-**  
Duel (v): battle/ war  
Laid (v): placed  
Dwell (v): live  
Faze (v): alter
- Q.3.(2)** the sentence is in present perfect continuous tense. So v4 (anticipating = expecting) form should be used.  
**For other options-**  
Anticipate (v)- Expect.
- Q.4.(3)** After 'to' base form of the verb should be used (To+v1).  
Ameliorate (v) to improve.
- Q.5.(5)** can (modal verb + V1) affect  
**For other options-**  
Affect (v): change, alter  
Effect (v): stimulate, accomplish
- Q.6.(3)** **People consume nutrition products (compound noun) and companies offer dietary supplements** [dietary(adj) + supplements (n)] nutrition products and dietary supplements should be used.
- Q.7.(1)** **Sentence sense is** Digital technology should be integrated with business to meet the market requirements. There should be integration of digital technology and changing market requirements.
- Q.8.(4)** If we check both A and B, we can have some idea on the basis of grammar. Economic means related to economy which is a bit meaningful at place A but when we check B, managed return does not have any sense here whereas economic return means return related to economy/finance.
- Q.9.(1)** The correct spelling is 'Changeability'.
- Q.10.(4)** The correct spelling is 'Diligence'.
- Q.11.(5)** All the words are correctly spelt.
- Q.12.(3)** The correct spelling is 'Harassment'.
- Q.13.(2)** Telescopes should be used in place of telescope. The Phrase **one of the + Plural noun**.
- Q.14.(5)** No error.
- Q.15.(3)** 'THE' should replace 'A', before superlatives definite article 'THE' should be used.
- Q.16.(2)** the sentence is in present tense. 'Ask' should be replaced with 'asks'. In this sentence the subject PM is singular, so the verb should be used accordingly.
- Q.17.(3)** has should be used with each, every, none, neither, either, **verb** should be always singular.
- Q.18.(4)** As there is a comparison between Convictions and truth the sentence must be comparative form. Here **more dangerous** expresses comparison.
- Q.19.(5)** Must is an auxiliary verb so it takes base form of the verb only. Between takes the correlation with and.
- Q.20.(3)** many people is plural noun, it takes plural verb and plural pronouns. (many + plural noun + plural verb + plural pronouns)  
Lose (v): defeat, cant retain; Loose (adj): not tight
- Q.21.(3)** Shrink (v) : contract.  
**For other options-**  
Raise (v): nurture, elevate, make grow  
Drown (v): go under (usually we use with objects).
- Q.22.(5)** Stringent (adj): harsh  
**For other options-**  
Lenient (adj): flexible, lenient, careless  
Prolong (v): make longer, extend  
Lax (adj): flexible, lenient, careless
- Q.23.(4)** Abjure (v): avoided, give up  
**For other options-**  
Confront (v): challenge
- Q.24.(4)** Omnibus(n): several  
**For other options-**  
Strident (adj): noisy, loud
- Q.25.(2)** amid (prep): along with, at the same time  
**For other options-**  
Because (conj): since, as



Surrounding (adj): nearby

On (prep): upon

Off (prep): away

**Q.26.(2)** The answer lies in the seventh paragraph.

**Q.27.(5)** The answer has not been mentioned in the passage.

**Q.28.(4)** Rejoiced (v): express joy.

**For other options-**

Mourn (v): grieve, lamented, sorrowed, aggrieved

**Q.29.(1)** Bestowed (v) : endowed, given

**For other options-**

Artistic (adj): creative

Impoverish (v): deprive, ruin

**Q.30.(2)** Correct answer is option (c) found in the last paragraph, and before that the author mentioned our soul is often neglected in our pursuit of material, wealth and sensual pleasure. Our soul should be cultivated and strengthened should not be neglected in pursuit of material, wealth and sensual pleasure.

## EXPLANATION/SBIPO PRE/QUANTITATIVE APTITUDE

**Q.31.(2)** Rate = 10%

1<sup>st</sup> January 5000 + 500 (5500 + 5000) = 10500

1<sup>st</sup> April 10500 + 1050 (11550 + 5000) = 16550

1<sup>st</sup> August 16550 + 1655 = 18205

Hence gain = Rs.(18205-15000) = Rs.3205

**Q.32.(4)** Length of the longest rod = diagonal of the box =  $\sqrt{\text{length}^2 + \text{width}^2 + \text{height}^2}$

$$= \sqrt{8^2 + 6^2 + 10^2}$$

$$= 10\sqrt{2} \text{ cm}$$

**Q.33.(2)** By allegation rule (taking milk %)

20                      60

45

15              25              = 3:5

**Q.34.(4)** Cost of 9 kg of mixture

= Rs. (60 × 7 + 105 × 2)

= Rs. (420 + 210) = Rs.630

Selling price of 9 kg of mixture

= 9 × 100 = Rs.900

Profit percent

$$= \frac{900 - 630}{630} \times 100 = \frac{2700}{63}$$

$$= \frac{300}{7} = 42\frac{6}{7} \%$$

**Q.35.(1)** Kohli-K, Suresh-S, Ishan-I

K+S+I- 6hr

K+S+I – Complete the 50% of given work in 3hr. so the remaining 25% of the work is completed by Ishan in 3hr.

Ishan -100%=12hr

K+S              I              K+S+I

12hr              6hr

So K+S will complete the given work in 12hr.

**Q.36.(3)** Let the speed of the car P, Q, R is a, b, c

Given,

$$\frac{a+b+c}{3} = 50$$

$$a+b+c = 150$$

$$\frac{13}{12}b + b + \frac{5}{13} \times \frac{13}{12}b = 150$$

$$\frac{30}{12}b = 150$$

$$b = 60 \text{ units}$$

$$a = 65 \text{ units}$$

$$c = 25 \text{ units}$$

Now, Time taken by faster train

$$= 260/65 = 4 \text{ hrs.}$$

**Q.37.(1)** Density of kerosene, petrol and diesel are 18:14:10

Volume = weight/density

Weight of diesel in 750kg mixture  $750 \times 5/15 = 250\text{kg}$

Now the volume of diesel  $250/10 = 25 \text{ litre}$

The cost of 25 litre of diesel =  $25 \times 40 = \text{Rs.}1000$

**Q.38.(1)**

$$\frac{P_1 \times 10 \times 6}{100} = \frac{P_2 \times 12 \times 10}{100} = \frac{P_3 \times 15 \times 12}{100}$$

$$P_1 : P_2 : P_3 = 6 : 3 : 2$$

**Q.39.(2)** Income = Expenditure + Saving

$$\text{Ritesh } 7x = 8y + (7x - 8y)$$

Rakesh  $9x = 9y + (9x - 9y)$

Rohan  $12x = 15y + 3x$

Therefore

$$x/y = 5/3$$

$$y = 3x/5$$

savings = (income - expenditure)

Ratio of their savings

Ritesh : Rakesh : Rohan

$$11x : 18x : 15x$$

$$11 : 18 : 15$$

**Q.40.(2)**

$$P(E) = \frac{{}^7C_4}{2^7} = \frac{35}{128}$$

**Q.41.(3)** All I, II and III together are sufficient

**Q.42.(5)** Any two of the three are sufficient

**Q.43.(4)** III and either I or II only are sufficient

**Q.44.(2)**  $1 - (10x + y) - (10y + x) = 9$

$$2 - x + y = 7$$

$$3 - x - y = 7$$

I and II only sufficient to give the exact answer  
.in 3 statement difference is given .i.e. it is not clear that which digit is greater.

**Q.45.(3)** all three statements together are sufficient

**Q.46.(1)**  $81 \times 3 + 120 \times 2 - 192 = ?$

$$? = 291$$

**Q.47.(4)**  $?^2 = 4728$

$$? = 69 \text{ (approx)}$$

**Q.48.(4)**  $544 + 562 + 50 = ?$

$$? = 1156$$

**Q.49.(3)**  $2940 + 28 - 158 = ?$

$$? = 2810$$

**Q.50.(1)**  $? \times 5 = 21904 - 15625$

$$? = 1255.8$$

**Q.51.(1)** Sum =  $168 + 252 = 420$

$$\text{Q.52.(4) Average} = \frac{180 + 312}{2} = 246$$

**Q.53.(4)** Ratio =  $396 : 228 = 33 : 19$

**Q.54.(5)** Difference =  $360 - 108 = 252$

$$\text{Q.55.(2) Req. percent} = \frac{396}{404} \times 100 = 98 \text{ (approx)}$$

**Q.56.(1)** Lalu-50 days, Ranu - 100 days, Aarzoo-30 days

Number of days in which Lalu, Ranu and Aarzoo

$$\text{will complete the work} = \frac{300}{95} = 15 \frac{15}{19} \text{ days}$$

**Q.57.(3)** Group of 3 person which will complete the work  
quickest = Aarzoo, Pallavi, Sony

**Q.58.(1)** Age ratio - A: B: C -  $(8x + 3)$ :  $8x$ :  $2x$

$$C: D - 2x: 5x$$

$$E: D - 4x: 5x$$

$$C: D: E - 2x: 5x: 4x$$

$$2X = 6 \text{ years}$$

$$X = 3 \text{ years}$$

$$E = 4x = 4 \times 3 = 12 \text{ years}$$

**Q.59.(3)**

$$\frac{20 + 14 + 4 + 10 + 8 + 4x}{5} - \frac{20 + 14 + 4 + 10 + 8}{5} = .8$$

$$X = 1 \text{ years}$$

**Q.60.(2)**

$$\frac{27 + 24 + 6 + 15 + 12 + x}{6} - \frac{27 + 24 + 6 + 15 + 12}{5} = 3.2$$

$$x = 36 \text{ years}$$

**Q.61.(5)** Q1-18

$$Q2 = 18$$

$$Q1 = Q2$$

**Q.62.(1)**  $Q1 = 197/12 = 16.42$

$$Q2 = 15$$

$$Q1 > Q2$$

**Q.63.(3)**  $Q1 = 500/18 = 27.77\%$

$$Q2 = 29.6\%$$

$$Q1 < Q2$$

**Q.64.(3)**  $Q1 = 12.5\%$

$$Q2 = 100/7.5 = 13.33\%$$

$$Q1 < Q2$$

**Q.65.(1)** Q1-20:24

$$20:25$$

$$\text{Here } 1 = 18$$

$$\text{So } 20 = 360$$

$$Q2 - 75\% \text{ of } 472 = 354$$

$$Q1 > Q2$$



**SSC GD (CONSTABLE)/REASONING ABILITY**

**Q.1** Find the term which does not fit into the series?

240, 224, 212, 198, 188, 180

- (A) 224 (B) 212  
(C) 188 (D) 198

**Q.2** If  $\square = 16$ ,  $\Delta = 2$ ,  $\square = 8$  and  $\bigcirc = 6$  then solve the given equation-

$$\square \div \Delta + \square - \bigcirc = ?$$

- (A) 10 (B) 22  
(C) 18 (D) 28

**Q.3** From the given alternative words, select the one which can be formed by using the letters of the given word.

**REPPROCHEMENT**

- (A) REPRESENT (B) REPROACH  
(C) PHANTOM (D) CEMENT

**Q.4** A group of four boys each is sitting at the corners of a square and 4 girls each is sitting at the midpoints of the sides. All are facing the centre. Mathur is sitting diagonally opposite to Bose who is to the immediate right of Geeta. Roy is next to Geeta and opposite to Gopi who is on Usha's left. Seema is not Mathur's right but opposite to Prema. Who is opposite to Usha?

- (A) Roy (B) Seema  
(C) Geeta (D) Gopi

**Q.5** Find the missing number from the given alternatives.



- (A) 40 (B) 35 (C) 33 (D) 25

**Q.6** From the given alternative words, select the one which can be formed by using the letters of the given word.

**INTEGRAL**

- (A) INTER (B) ENTREATY  
(C) INTERVAL (D) RATTLE

**Q.7** One Evening before sunset two friends Reshma and Seema were talking to each other face to face.

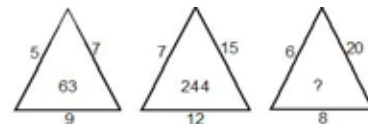
If Reshma's shadow is exactly to her right side then in which direction was Seema facing?

- (A) North (B) West  
(C) South (D) East

**Q.8** Ravi remembers that Lokesh's Birthday is after 19th but before 22nd November, whereas Deepak remembers that Lokesh's birthday is after 20th but before 24th November. Which day is Lokesh's birthday?

- (A) 21st November (B) 20th November  
(C) 22nd November (D) 23rd November

**Q.9** Select the missing number from the given responses.



- (A) 208 (B) 414  
(C) 192 (D) 480

**Q.10** Select the related letter/ word/ number from the given alternatives.

**Netherlands : Euro :: Oman : ?**

- (A) Euro (B) Dinar  
(C) Taka (D) Rial

**Q.11-12.** Select the related letter/ word/ number from the given alternatives.

**Q.11** PK : 72 :: CP : ?

- (A) 102 (B) 91 (C) 94 (D) 79

**Q.12** Flipper : Cricket :: Austin : ?

- (A) Tennis (B) Golf  
(C) Football (D) Hockey

**Q.13** There are four roads. I came from the west and want to go to the bus stand. The road to the left leads me away to the river, straight ahead it leads to the market centre. In which direction is the bus stand?

- (A) North (B) South  
(C) East (D) West

**Q.14** Select the one which is different from the other three responses.



- (A) 158, 166 (B) 193, 185  
(C) 180, 191 (D) 229, 221

**Q.15** Select the one which is different from the other three responses.

- (A) NEXFL (B) LANCD  
(C) FRGSP (D) ZUGPK

**Q.16** At a traffic junction, motorcycles and cars plying along the road were stopped at the signal light. There were a total of 55 vehicles. The total number of wheels of the vehicles were 180. How many cars were there?

- (A) 35 (B) 40  
(C) 20 (D) 30

**Q.17** Three statements are given followed by four conclusions I, II, III and IV. You have to consider the three 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.

**Statement :**

All Mobiles are calculators.

Some Calculators are pens.

All pen are books.

**Conclusions :**

- I. Same books are mobiles  
II. Some calculators are books  
III. No books is mobile  
IV. All pens are calculators.

- (A) Only I and II follow.  
(B) Only II follows.  
(C) Only IV follows  
(D) Either I or III and II follow.

**Q.18-20.** Select the related letter/ word/ number from the given alternatives.

**Q.18** 11 : 1342 :: 16 : ?

- (A) 4016 (B) 4112  
(C) 5012 (D) 5463

**Q.19** 27 : 38 :: 58 : ?

- (A) 69 (B) 76  
(C) 102 (D) 99

**Q.20** SPRING : RTOQQSHJMOFH :: PROMISE : ?

- (A) SRITCEOUMNPPJJ  
(B) SRITCCEMUONPQT  
(C) OQQSNPLNHJRTDF  
(D) OQQSNPLNDIJREE

**Q.21-22.** Choose the correct alternative from the given ones that will complete the series.

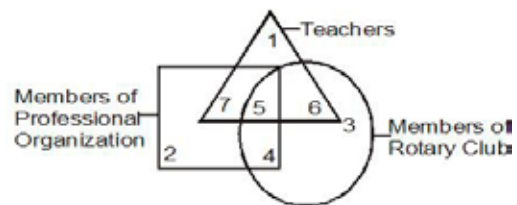
**Q.21** 0, 4, 6, 3, 7, 9, 6, ?, 12

- (A) 8 (B) 10 (C) 11 (D) 14

**Q.22** Z, W, S, P, L, I, E, ?

- (A) B (B) D (C) F (D) K

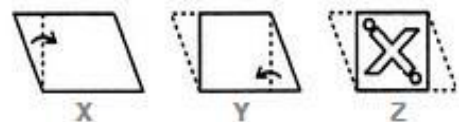
**Q.23** In the following diagram which number represents the teachers who are members of professional organisations as well as Rotary club?



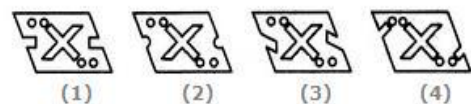
- (A) 7 (B) 5 (C) 6 (D) 4

**Q.24** A piece of paper is folded and cut as shown below in the question figures from the given answer figures, indicates how it will appear when opened?

Question Figure-



Answer Figures-



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

**Q.25** If Maya says, "Vaishali's father Vinayak is the only son of my father-in-law Vishwanath," then how is Roopa, who is the sister of Vaishali related to Vishwnath?

- (A) Wife (B) Daugther  
(C) Grand daughter (D) Sister-in-law

**SSC GD (CONSTABLE)/GENERAL AWARENESS**

- Q.26** \_\_\_\_\_ is the study of the physical form and external structure of plants.  
(A) Physiology (B) Anatomy  
(C) Phytomorphology (D) Cytology
- Q.27** A horizontal demand curve is-  
(A) Relatively elastic  
(B) Perfectly inelastic  
(C) Relatively inelastic  
(D) Perfectly elastic
- Q.28** Endothermic reactions are those in which-  
(A) Heat is absorbed  
(B) Heat is evolved  
(C) Temperature increases  
(D) Light is produced
- Q.29** Fundamental duties in our constitution, has been borrowed from -  
(A) U.S.A. (B) U.S.S.R.  
(C) England (D) Japan
- Q.30** The book 'Unto this Last' which influenced Gandhi was authored by—  
(A) Rabindranath Tagore  
(B) John Ruskin  
(C) Leo Tolstoy  
(D) Ruskin Bond
- Q.31** The number of parliamentary seats (Rajya Sabha) of Uttar Pradesh is-  
(A) 12 (B) 16  
(C) 18 (D) 31
- Q.32** The place which has the longest day and the shortest night on 22nd December, is—  
(A) Melbourne (B) Chennai  
(C) Madrid (D) Moscow
- Q.33** The sun rays fall vertically on the Tropic of Cancer on-  
(A) 21 June (B) 20 March  
(C) 19 July (D) 21 March
- Q.34** Where did the leader of the Individual Satyagraha movement, Acharya Vinoba Bhave started this movement?  
(A) Nasik (B) Kochi  
(C) Pavnar (D) Nagpur
- Q.35** Which country was a part of the Axis Powers during World War 2?  
(A) Yugoslavia (B) Poland  
(C) Belgium (D) Hungary
- Q.36** Which planet has the maximum number of natural satellites?  
(A) Jupiter (B) Earth  
(C) Neptune (D) Saturn
- Q.37** Who renders advice to the President on legal matters ?  
(A) High Court (B) Supreme Court  
(C) Governor (D) Attorney General
- Q.38** If Money supply growth is faster than real GDP growth, it results in \_\_\_\_\_.  
(A) Inflation (B) Deflation  
(C) Budget surplus (D) Budget deficit
- Q.39** The Chemical formula of Acetic acid is \_\_\_\_\_.  
(A) CH<sub>3</sub>COH (B) CH<sub>3</sub>COOH  
(C) CH<sub>3</sub>COCH<sub>3</sub> (D) CH<sub>2</sub>COOH
- Q.40** The 3rd unit of Kakrapar atomic power project has become India's 1st 700 MW unit to achieve criticality. Where does the Kakrapar atomic power plant located?  
(A) Gujarat (B) Karnataka  
(C) Jharkhand (D) Telangana
- Q.41** Which organisms can help to carry out Vermicomposting?  
(A) Nitrifying Bacteria (B) Earthworms  
(C) Algae (D) Fungus
- Q.42** Giddha is a folk dance of which state?  
(A) Rajasthan (B) Uttar Pradesh  
(C) Punjab (D) Bihar

- Q.43** Gas law was given by?  
 (A) Faraday (B) Arrhenius  
 (C) Boyle (D) Newton
- Q.44** What is the capital of Norway?  
 (A) Buenos Aires (B) Rome  
 (C) Ottawa (D) Oslo
- Q.45** Black Hole Tragedy took place during the reign of which Bengal ruler ?  
 (A) Alivardi khan (B) Sirajuddaula  
 (C) Shujauudin (D) Mir Jafar
- Q.46** Who was the trusted General of the Mughal emperor Akbar?  
 (A) Raja Todar Mal (B) Man Singh I  
 (C) Birbal (D) Tansen
- Q.47** The image formed in a compound microscope is?  
 (A) Sometimes erect, sometimes inverted  
 (B) Erect  
 (C) Inverted  
 (D) None of these
- Q.48** The Legislative Council can delay the enactment of a money bill for a maximum period of-  
 (A) 30 days (B) 15 days  
 (C) 14 days (D) 6 months
- Q.49** 'Samvadini' is of which type Indian musical instrument?  
 (A) Tabla (B) Sitar  
 (C) Flute (D) Harmonium
- Q.50** Instrument for measuring time is called \_\_\_\_\_.  
 (A) Dynamometer (B) Anemometer  
 (C) Durometer (D) Chronometer

### SSC GD (CONSTABLE)/QUANTITATIVE APTITUDE

- Q.51** In a circular garden of radius 21 metres a path of width 3.5 metres is constructed outside around the garden. Find the area (in m<sup>2</sup>) of the path ?  
 (A) 500.5 (B) 575.6  
 (C) 521.2 (D) 560.7
- Q.52** Find the average of all even numbers between 222 and 250 ?  
 (A) 234 (B) 232  
 (C) 236 (D) 230
- Q.53** Find the difference (in Rs) in compound interest earned in 1 year on a sum of Rs 25000 at 20% per annum compounded semi-annually and annually?  
 (A) 125 (B) 250  
 (C) 500 (D) 375
- Q.54** The ratio of ages of Simi and Seema 9 years hence will be 8 : 7 and the ratio of their present age is 5 : 4. What is the present age (in years) of Simi?  
 (A) 12 (B) 15  
 (C) 24 (D) 21
- Q.55** A can do a piece of work in 55 days and B can do it in 66 days. Along with C, they complete the same work in 12 days only. Then find the number of days required by C alone to complete the whole work?  
 (A) 24 (B) 44  
 (C) 33 (D) 20
- Q.56** A, B and C invest in a business in the ratio 3:6:5. Only A and C are working partner, hence B's share will be 3/4th of what it would have been if he were a working partner. If the total profit is Rs 50,000 at the end of year, half of which is reinvested in the business and the other half is distributed between the partners, then how much does C get (in Rs.)?  
 (A) 20000 (B) 6000  
 (C) 10000 (D) 9000
- Q.57** A, B and C together can make some chairs in 9 days. C alone can make the same number of chairs in 36 days. In how many days A and B together can make 50% of the same number of chairs ?  
 (A) 6 (B) 12  
 (C) 9 (D) 15
- Q.58** If the compound interest on a certain sum of money for the 3rd and 4th year is Rs. 125 and Rs. 135 respectively, then find the rate of interest (in %)?  
 (A) 9 (B) 10  
 (C) 8 (D) 12
- Q.59** Arjun sells a scooter for Rs. 46,000 and makes

Phil Mickelson won for the third time in four career starts on the PGA Tour Champions, closing with a 4- under 68 for a two-shot victory in the Constellation Furyk and Friends.

some loss. If he had sold it for Rs. 58,000 his profit would have been double of his loss. Then find the cost price (in Rs) of the scooter?

- (A) 52000 (B) 54000  
(C) 48000 (D) 50000

**Q.60** A miner sells a diamond ring to a trader at a profit of 40% and the trader sells it to a customer at a profit of 25%. If the customer pays Rs. 56 lakhs to buy the diamond ring, what had it cost the miner (in Rs lakhs)?

- (A) 30 (B) 28  
(C) 25 (D) 32

**Q.61** A cuboid of dimensions 8 cm x 10 cm x 12 cm. If it is cut into small cubes of side 2 cm. Then find the percentage increase in the total surface area?

- (A) 286.2 (B) 314.32  
(C) 250.64 (D) 386.5

**Q.62** In an alloy of copper and tin, copper and tin are in the ratio of 3:2. If 250 gm of copper is added to this alloy then the copper in it becomes double the quantity of tin in it. Find the amount (in gm) of tin in the alloy?

- (A) 250 (B) 750  
(C) 1000 (D) 500

**Q.63** A boat goes downstream at a speed of 40 km/hr and comes back the same distance at 24 km/hr. Find the average speed in km/hr for total journey ?

- (A) 32 (B) 30  
(C) 31 (D) 33

**Q.64** A prism has base in the shape of an equilateral triangle. If the perimeter of the base is 18 cm and the height of the prism is 20 cm, then what is the volume (in cube cm) of the prism?

- (A)  $180\sqrt{3}$  (B)  $30\sqrt{6}$   
(C)  $60\sqrt{2}$  (D)  $120\sqrt{3}$

**Q.65** Price of rice is increased from Rs 45/kg to Rs 50/kg. How much should the consumption of rice be reduced (in%) so as to increase expenditure by only 5%?

- (A) 5.5 (B) 5  
(C) 4 (D) 4.5

**Q.66** When 24 is added to a number it increases by 15%.

Then find the number ?

- (A) 160 (B) 250  
(C) 100 (D) 200

**Q.67** When largest number of three digit 'M' is divided by 6 and 5, it leaves remainder 5 and 3 respectively. Then find the remainder when M is divided by 11?

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

**Q.68** Excluding the stoppages, the average speed of a bus is 80kmph and including the stoppages, it is 60 kmph. Then find for how many minutes does the bus stop per hour?

- (A) 12 (B) 15  
(C) 18 (D) 20

**Q.69** Neelmani buys 3 shirts at an average rate of Rs. 1250. If he buys 2 more shirts at an average rate of Rs. 1450, what will be the average rate (in Rs) of all the 5 shirts he buys?

- (A) 1370 (B) 1330  
(C) 1310 (D) 1390

**Q.70** Pawan has a solid sphere of radius 21 cm. He melted it to form a cube. 20% material is wasted in this process. He melted the cube to form hemisphere. In this process 20% material is wasted. He again melted hemisphere to form two spheres of equal radius. 20% material was again wasted in this process. Then find the radius (in cm) of each new sphere?

- (A)  $4.2(\sqrt[3]{2})$  (B)  $2.2(\sqrt[3]{2})$   
(C)  $2.2(\sqrt[3]{4})$  (D)  $8.4(\sqrt[3]{4})$

**Q.71** Prasanna marks up his goods by 120% and offers 30% discount. Then find the selling price (in Rs.), if the cost price is Rs. 750?

- (A) 1225 (B) 1080  
(C) 1280 (D) 1155

**Q.72** If a radio is being sold at Rs. 7,225 which is marked at Rs. 8,500, then what is the discount (in %) at which the radio is being sold?

- (A) 24 (B) 15  
(C) 25 (D) 20

**Q.73** If a right circular solid cylinder of base radius 7 cm and height 28 cm is melted to form a cuboid such



that the ratio of its side is 2 : 3 : 6. Then find the total surface area (in sq. cm) of cuboid?

- (A)  $72 \times (1078/9)^{2/3}$  (B)  $36 \times (2156/9)^{2/3}$   
(C)  $72 \times (2156/9)^{2/3}$  (D)  $36 \times (1078)^{2/3}$

**Q.74** Rizwan kept some red and some blue marbles in a box. The ratio between the number of red marbles and the blue marbles were 5: 4. If he lost 5 red marbles, then this ratio became 10:9. How many marbles does he have now?

- (A) 81 (B) 86

- (C) 76 (D) 91

**Q.75** According to the Rohan's will, the wealth of Rs. 21.25 lakh was to be divided between his son and the daughter in the ratio of 7/6: 5/3. How much did the son get (in Rs.)?

- (A) 875000 (B) 1250000  
(C) 1000000 (D) 1125000

## SSC GD (CONSTABLE)/ENGLISH LANGUAGE

**Q.76.** In the question given below choose the word most similar in meaning to the given word and mark your answer.

**Prominent**

- (A) Unknown (B) Eminent  
(C) Renowned (D) Important

**Q.77.** In the question given below choose the word most opposite in meaning to the given word and mark your answer.

**Abandon**

- (A) Regain (B) Retain  
(C) Remain (D) Revive

**Q.78** In the following question, out of the four alternatives, choose the one which best expresses the meaning of the given word and mark your answer.

**Acute**

- (A) Dull (B) Drowsy  
(C) Unpleasant (D) Sharp

**Q.79** Fill in the blank with the suitable verb.

The department head insisted that he is ----- absolute authority to regulate office.

- (A) gives (B) be given  
(C) give (D) given

**Q.80** Choose the alternative which best expresses the meaning of the idiom/phrase and mark your answer.

All his schemes ended in smoke.

- (A) came to nothing  
(B) got on fire

- (C) burnt up  
(D) attracted everybody

**Q.81** Fill in the blank with the suitable preposition.

He was sorry ----- coming late last night.

- (A) about (B) to  
(C) in (D) from

**Q.82-84.** Improve the bracketed part of the sentences.

**Q.82.** His acting is (too good).

- (A) best (B) much better  
(C) very good (D) No improvement

**Q.83** How many (ten rupees note) have you got?

- (A) tens-rupee notes (B) tens-rupees notes  
(C) ten-rupee notes (D) No improvement

**Q.84** If I studied well, (I will pass).

- (A) I passed (B) I pass  
(C) I would pass (D) No improvement

**Q.85** She reminded (me where to be leave) the papers.

- (A) me where I had to leave  
(B) where I had to leave  
(C) me where to leave  
(D) No improvement

**Q.86** The novel (consists of) a thousand pages.

- (A) comprises of  
(B) consisted  
(C) composes  
(D) No improvement

**Q.87.** In the following question, out of the four alternatives, choose the one which is opposite in the meaning of the given word and mark your answer.

**Concealed**

- (A) Covered (B) Closed  
(C) Sealed (D) Disclosed

**Q.88-90.** In the following question, out of the four alternatives, choose the one which is similar in the meaning of the given word and mark your answer.

**Q.88 Relish**

- (A) Realise (B) Taste  
(C) Enjoy (D) Reveal

**Q.89 Solicit**

- (A) Command (B) Request  
(C) Sympathise (D) Agree

**Q.90 Drastic**

- (A) Moderate (B) Mild  
(C) Radical (D) Parade

**Q.91-93.** In the questions given below, choose the word most opposite in meaning to the given word and mark your answer.

**Q.91 Betrayal**

- (A) Deception (B) Treason  
(C) Loyalty (D) Distrust

**Q.92 Exemptions**

- (A) Generalisation (B) Liberalisation  
(C) Exclusions (D) Inclusions

**Q.93 Humble**

- (A) Rich (B) Powerful  
(C) Haughty (D) Strong

**Q.94.** Pick out the correct passive voice of the given sentence.

**People call him a fool.**

- (A) He has been called a fool.  
(B) He is called a fool by the people.  
(C) The people have been calling him a fool.  
(D) We all people have called him a fool.

**Q.95** Write the sentence in correct Direct/Indirect form.

The teacher said "Gandhiji was born in India"

- (A) The teacher said that Gandhiji had been born in India.  
(B) The teacher says that Gandhiji was born in India.

(C) The teacher said that Gandhiji was born in India.

(D) The teacher will say that Gandhiji was born in India.

**Q.96** Fill in the blank with the suitable relative pronoun.

Vinod, two of ----- brothers attend primary school, wishes to be a school teacher after his graduation from the university.

- (A) whom (B) them  
(C) whose (D) which

**Q.97** Choose the alternative which best expresses the meaning of the idiom/phrase and mark your answer.

He died in harness.

- (A) ceased to live  
(B) died of a disease  
(C) died for his country  
(D) died while working

**Q.98** Choose the alternative which best expresses the meaning of the idiom/phrase and mark your answer.

She was on the horns of a dilemma regarding her future.

- (A) in nervous condition  
(B) in terrible mood  
(C) in difficult situation  
(D) in suspense

**Q.99** Fill in the blank with the suitable verb.

The deadline was nearby, so Mrs. Sweth had her students ----- their essays.

- (A) complete  
(B) completing  
(C) completes  
(D) completed

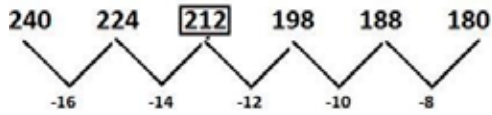
**Q.100** Fill in the blank with the suitable conjunction.

Akshay is in the habit of revising just once, but Suresh never understands a subject ----- he revises many times.

- (A) in case (B) thus  
(C) although (D) unless

EXPLANATION/SSC GD (CONSTABLE)/REASONING ABILITY

Q.1.(B)

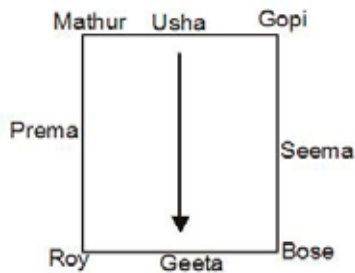


Q.2.(A)

$\square = 16, \triangle = 2, \text{rectangle} = 8, \bigcirc = 6$   
 $16 + 2 + 8 - 6 = 8 + 8 - 6 = 16 - 6 = 10$

Q.3.(D)

Q.4.(C)



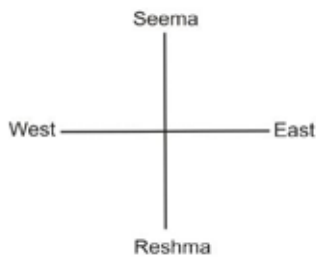
Q.5.(C)  $5 \times 1 + 3 \times 4 = 17$

$5 \times 0 + 4 \times 2 = 8$

$6 \times 5 + 3 \times 1 = 33$

Q.6.(A) Only the word 'INTER' can be formed from the original word.

Q.7.(C)



Q.8.(A) 19 \_\_\_\_ 22

20 \_\_\_\_ 24 (November 21)

Q.9.(B)

$7^2 + 5 + 9 = 63$

$15^2 + 7 + 12 = 244$

$20^2 + 6 + 8 = 414$

Q.10.(D) As Netherland's currency is Euro in the same way Oman's currency is omani Rial.

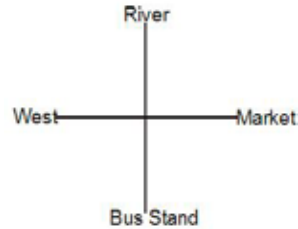
Q.11.(B) P - 16

K - 11

$16 + 11 = 27 = 72$

Q.12.(B) As flipper term is related to cricket in the same way Austin is related to Golf.

Q.13.(B)



Q.14.(C)  $166 - 158 = 8$

$193 - 185 = 8$

$191 - 180 = 11$

$229 - 221 = 8$

Q.15.(C) F R G S P has no vowel.

Q.16.(A) Let motorcycles = x

cars = y

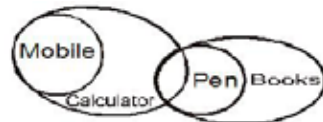
$x + y = 55 \dots (i)$

$2x + 4y = 180 \dots (ii)$

after solving-

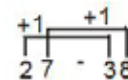
$y = 35$  and  $x = 20$

Q.17.(D)

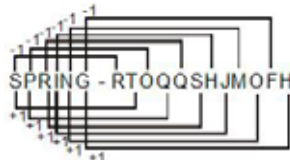


Q.18.(B)  $113 + 11 = 1342, 163 + 16 = 4112$

Q.19.(A)



Q.20.(C)



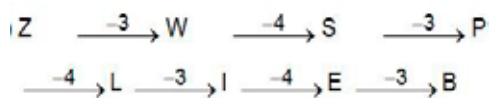
Q.21.(B) (I) 0, 3, 6

(II) 4, 7, ?

(III) 6, 9, 12

$$4 + 3 = 7, 7 + 3 = 10$$

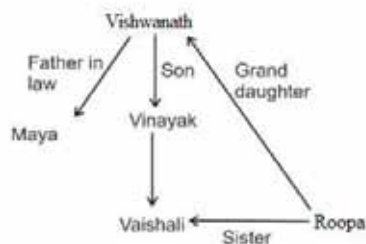
Q.22.(A)



Q.23.(B) Number 5 represents the teachers who are members of professional organizations as well as Rotary club.

Q.24.(D)

Q.25.(C)



## EXPLANATION/SSC GD (CONSTABLE)/GENERAL AWARENESS

Q.26.(C) **Phytomorphology** is the study of the physical form and external structure of plants.

Q.27.(D) In the case of a product with a horizontal demand curve, elasticity is said to be perfectly elastic. When the price of a perfectly elastic good or service increases above the market price, the quantity demanded falls to zero.

Q.28.(A) An endothermic process requires or absorbs energy from its surroundings, usually in the form of heat.

Q.29.(B) Fundamental duties in our constitution has been borrowed from U.S.S.R.

Q.30.(B) The concept of "Sarvodaya" and "Antyodaya" were the product of this influence of Ruskin on Gandhiji.

Q.31.(D) The Rajya Sabha (meaning the "Council of States") is the upper house of the Parliament of India. Uttar Pradesh state elects 31 members and they are indirectly elected by the state legislators of Uttar Pradesh. Members are elected for six years and 1/3 of members are retired after every two years.

Q.32.(A) On December 22, when the Earth's Southern Hemisphere is tilted toward the sun. The sun's vertical rays strike the Tropic of Capricorn, 23.5 degrees south of the Equator.

Q.33.(A) The sun's rays fall vertically on the tropic of cancer on 21st June.

Q.34.(C) The British Colonial government had committed India into the Second World War without the consent of the Indian people. To oppose this decision by the foreign government, the Congress party decided to launch individual Satyagraha. Mahatma Gandhi had chosen Acharya Vinoba Bhave as the first satyagrahi.

Q.35.(D) The "Axis powers" formally took the name after

the Tripartite Pact was signed by Germany, Italy, and Japan on 27 September 1940, in Berlin. The pact was subsequently joined by, Hungary (20 November 1940), Romania (23 November 1940), Slovakia (24 November 1940), and Bulgaria (1 March 1941).

Q.36.(D) Saturn has overtaken Jupiter as the planet with the most natural satellites, according to US researchers. A team discovered a haul of 20 new moons orbiting the ringed planet, bringing its total to 82; Jupiter, by contrast, has 79 natural satellites. The moons were discovered using the Subaru telescope on Maunakea, Hawaii.

Q.37.(B) Supreme Court can give advice to the President on legal matters.

Q.38.(A) If Money supply growth is faster than real GDP growth, it results in **Inflation**.

Q.39.(B) Acetic acid, systematically named ethanoic acid, is a colourless liquid organic compound with the chemical formula  $\text{CH}_3\text{COOH}$ . When undiluted, it is sometimes called glacial acetic acid. Vinegar is no less than 4% acetic acid by volume, making acetic acid the main component of vinegar apart from water.

Q.40.(A) The Nuclear Power Corporation of India Limited (NPCIL) announced that Unit-3 of Kakrapar Atomic Power Project (KAPP-3), India's First 700 MWe (megawatt electric) and indigenously developed Pressurized Heavy Water Reactor (PHWR) in Surat, Gujarat achieved its first criticality – initiation of controlled and sustained nuclear fission reaction on 22nd July 2020.

Q.41.(B) Vermicomposting uses earthworm to turn organic wastes into very high quality compost. This is probably the best way of composting kitchen wastes.

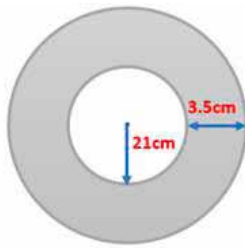


- Q.42.(C)** Giddha is a popular folk dance of women in Punjab region of India and Pakistan.
- Q.43.(C)** Boyle's Law stated that the volume of gas increases as the pressure decreases.
- Q.44.(D)** Oslo is the Capital of Norway. Oslo is the biggest city in Norway and has been the country's capital since 1814.
- Q.45.(B)** Governor of Bengal, Sirajuddaula was responsible for 'Black Hole Tragedy'.
- Q.46.(B)** Raja Man Singh was the Kachwaha Rajput Raja of Amer, a state later known as Jaipur in Rajputana. He was a trusted general of the Mughal emperor Akbar, who included him among the Navaratnas, or the nine gems of the royal court of Akbar.

- Q.47.(C)** The image formed by objective lens of compound microscope is real and enlarged and inverted.
- Q.48.(C)** The Legislative Council can delay the enactment of a money bill for a maximum period of 14 days.
- Q.49.(D)** Harmonium with a Swarmandal was produced by Bhishmadev Veda. As the Swarmandal box was too big for the Harmonium, his disciple Manohar Chimote fixed the strings within the breadth of the instrument naming it as 'Samvadini'.
- Q.50.(D)** Chronometer- is an instrument for measuring time accurately in spite of motion or variations in temperature, humidity, and air pressure.

## EXPLANATION/SSC GD (CONSTABLE)/QUANTITATIVE APTITUDE

**Q.51.(A)**



Radius of outer circle after path construction  
 $= (21 + 3.5) = 24.5 \text{ m}$

Area of path = (area of outer circle) – (area of inner circle)

$$\Rightarrow \text{Area of path} = \pi(24.5)^2 - \pi(21)^2$$

$$\Rightarrow \text{Area of path} = \pi[(24.5)^2 - (21)^2]$$

$$\Rightarrow \text{Area of path} = \pi[(24.5 + 21)(24.5 - 21)]$$

$$\Rightarrow \text{Area of path} = 22/7 \times (45.5 \times 3.5)$$

$$\therefore \text{Area of path} = 500.5 \text{ m}^2$$

**Q.52.(C)**  $\therefore$  Even numbers between 222 and 250 are 224, 226, 228, .... 248

Last term of the series ( $a_n$ ) = first term( $a$ ) + [no. of term ( $n$ ) - 1]  $\times$  difference between consecutive term ( $d$ )

$$a_n = a + (n - 1)d$$

$$\Rightarrow 248 = 224 + (n - 1) \times 2$$

$$\Rightarrow n = 13$$

$$\text{Sum of the series } (S_n) = (n/2) (a + a_n)$$

$$\Rightarrow \text{Sum of the series } (S_n) = (13/2) \times (224 + 248)$$

$$\Rightarrow \text{Sum of the series } (S_n) = 13 \times 236$$

Average of all even numbers between 222 and 250  $= (13 \times 236) / 13$

$\therefore$  Average of all even numbers between 222 and 250  $= 236$

**Q.53.(B)** For annually principal ( $P$ ) = Rs. 25000, rate ( $R$ ) = 20% and time ( $T$ ) = 1 year

For semi-annually, principal ( $P$ ) = Rs. 25000, semi-annually rate ( $R$ ) =  $20\% / 2 = 10\%$

And time ( $T$ ) for semi-annually

$$= 1 \times 2 = 2 \text{ half year}$$

Compound interest (CI, annually)

$$= 25000(1 + 20/100) - 25000$$

$$\Rightarrow \text{CI (annually)} = \text{Rs. 5000}$$

And compound interest (CI, semi-annually)  $= 25000(1 + 10/100)^2 - 25000$

$$\Rightarrow \text{CI (semi-annually)}$$

$$= (25000 \times 11/10 \times 11/10) - 25000$$

$$\Rightarrow \text{CI (semi-annually)} = \text{Rs. 5250}$$

$\therefore$  The difference between compound interest earned in 1 year  $= 5000 - 5250 = \text{Rs. 250}$

**Q.54.(B)** Let the present age of Simi be  $5x$

And the present age of Seema be  $4x$

According to question

$$(5x + 9) / (4x + 9) = 8/7$$

$$\Rightarrow x = 3$$

$$\therefore \text{Simi's present age (in years)} = 5x = 5 \times 3 = 15$$

**Q.55.(D)** Let total work = LCM of (55 and 66) = 330 units

Hence, work done by A in 1 day = 6 units

Work done by B in 1 day = 5 units

Now, work done by A, B and C in 1 day =  $330/12 = 55/2 = 27.5$  units

work done by C in 1 day =  $27.5 - (5+6) = 16.5$  units

$\therefore$  Time taken by C =  $330/16.5 = 20$  days

**Q.56.(C)** Let the profit received by A, B and C be '3x', '6x' and '5x' if all were a working partner

$\therefore$  B is a sleeping partner hence, he get  $(3/4) \times 6x = 9x/2$

Half of the profit i.e. 25000 is divided among A, B and C

According to question

$$3x + 9x/2 + 5x = 25000$$

$$\Rightarrow x = 2000$$

$\Rightarrow$  C's share from the profit =  $5x = 5 \times 2000 = \text{Rs. } 10000$

**Q.57.(A)** Let A can finish the task in 'x' days and B can finish the task in 'y' days

$\therefore$  C can finish the task in 36 days

When they work together, part of work finished by all three in one day =  $1/x + 1/y + 1/36$

It is given that, A, B and C together can finish a task in 9 days

$$9(1/x + 1/y + 1/36) = 1$$

$$1/x + 1/y = 1/12$$

We can say that A and B can do 100% of the job working together in 12 days A and B can do 50% of the job working together in 6 days

**Q.58.(C)**  $\therefore$  Compound interest (CI) of two consecutive year are given

Then, Rate of interest =  $[(\text{CI for 4 years}) - (\text{CI for 3 years})] / [(\text{CI for 3 year})]$

$$\Rightarrow \text{Rate of interest} = (135 - 125) \times 100$$

$$\therefore \text{Rate of interest} = 8\%$$

**Q.59.(D)**  $\therefore$  Selling price of scooter (SP) = Rs. 46000

Loss = cost price (CP) - selling price (SP)

$$\Rightarrow \text{Loss} = \text{CP} - 46000$$

According to question

$$(58000 - \text{CP}) = 2 \times (\text{CP} - 46000)$$

$$\Rightarrow 58000 = \text{CP} - 2\text{CP} - 92000$$

$$\Rightarrow \text{CP} = \text{Rs. } 50000$$

$\therefore$  The cost price of the scooter = Rs. 50000

**Q.60.(D)** Let the cost price of the miner be 'x'

According to questions,

$$x \times (1 + 40/100) \times (1 + 25/100) = 56$$

$$\Rightarrow x = 32$$

$\therefore$  Cost price of the miner = Rs. 32 lakhs

**Q.61.(D)** Volume of cuboid =  $8 \text{ cm} \times 10 \text{ cm} \times 12 \text{ cm} = 960 \text{ cm}$

Total surface area of cuboid =  $2 \times (\text{lb} + \text{bh} + \text{hl})$

$$\Rightarrow \text{Total surface area} = 2 \times (8 \times 10 + 10 \times 12 + 12 \times 8) = 92$$

Let the number of small cubes formed be x

$\therefore$  Volume of cubes = Volume of cuboid

$$\Rightarrow 8x = 960$$

$$\Rightarrow x = 120 \text{ (number of cubes formed)}$$

Total surface area of cubes =  $1200 \times (6 \times \text{side}^2)$

$$\Rightarrow \text{Total surface area of cubes} = 2880$$

$$\Rightarrow \text{Percentage increase in the total surface area} = (2880 - 592) / 592 \times 100 = 386.50\%$$

**Q.62.(D)**  $\therefore$  Alloy contains copper and tin in the ratio 3 : 2

Let the amount of copper in an alloy be 3x

According to question

$$\Rightarrow 3x + 250 = 2 \times 2x$$

$$\Rightarrow x = 250 \text{ gm}$$

$\therefore$  The amount (in gm) of tin in the alloy =  $2x = 2 \times 250 = 500 \text{ gm}$

**Q.63.(B)** Average speed =  $\{2 \times \text{speed}(\text{upstream}) \times \text{speed}(\text{downstream})\} / \{\text{speed}(\text{upstream}) + \text{speed}(\text{downstream})\}$

$$\Rightarrow \text{Average speed} = (2 \times 24 \times 40) / (24 + 40) = 30$$

$\therefore$  Average speed for the total journey = 30 km/hr.

**Q.64.(A)** Perimeter of base (equilateral triangle) =  $3 \times \text{side} = 18 \text{ cm}$

$$\Rightarrow \text{Side of base} = 6 \text{ cm}$$

$$\Rightarrow \text{Area of base} = \text{side}^2 \times (\sqrt{3}/4)$$

$$\Rightarrow \text{Area of base} = (\sqrt{3}/4) \times 6 \times 6$$

$$\Rightarrow \text{Area of base} = 9\sqrt{3} \text{ cm}$$

$\Rightarrow$  Volume of prism (V) = area of base  $\times$  height

$$\therefore \text{Volume of prism (V)} = 9\sqrt{3} \times 20 = 1800\sqrt{3} \text{ cm}^3$$

**Q.65.(A)** Expenditure (E) = consumption (C)  $\times$  Price (P)

Before the price increased,

$$E = C_1 \times 45 \dots\dots (1)$$

After the price increased,

$$\text{Expenditure increased by } 5\% = 1.05E$$

$$1.05E = C_2 \times 50 \dots\dots (2)$$

On dividing equation (1) by (2)

$$\Rightarrow 1/1.05 = (C_1/C_2) \times 45/50$$

$$\Rightarrow (C_1/C_2) = 200/189$$

$$\text{Required cut in consumption} = (200-189)/200 \times 100$$

$$\Rightarrow \text{Required cut in consumption} = 11/2 = 5.5\%$$

$$E = C_1 \times 45 \dots\dots (1)$$

**Q.66.(A)** Let the number be x

According to question,

$$(x+24) = 115\% \text{ of } x$$

$$\Rightarrow x+24 = 1.15x$$

$$\Rightarrow x = 160$$

$$\therefore \text{The number} = 160$$

**Q.67.(D)** Lcm of (6, 5) = 30

Let's assume the number be "30K+constant", where constant is the remainder.

let the number be 'M'

$$\Rightarrow M/6 = 5 \text{ (remainder)}$$

$$M \text{ could be } 5, 11, 17, 23, 29$$

$$\Rightarrow M/5 = 3 \text{ (remainder)}$$

$$M \text{ could be } 3, 8, 13, 18, 23, 28$$

The very first number common in both term is 23.

$$\Rightarrow M \text{ is } 23 \text{ i.e. a constant term}$$

$$\Rightarrow 30k + \text{constant} = 30K + 23$$

The largest three digit number comes when K is 32

$$\Rightarrow 30(32) + 23 = 983$$

$\therefore$  When 983 is divided by 11, leaves the remainder 4.

**Q.68.(B)** Distance covered by bus without stopped at 80 km/hr in one hour = 80 km

Distance covered by bus with stoppage at 60 km/hr in one hour = 60 km

$$\text{Time for stop per hour} = (80\text{km}-60\text{km})/80 \text{ km/hr}$$

$$\Rightarrow \text{Time for stop per hour} = 1/4 \text{ hr.}$$

$$\therefore \text{Time for stop per hour} = 1/4 \times 60 \text{ min} = 15 \text{ min}$$

**Q.69.(B)** Total cost of price of three shirts =  $1250 \times 3 = \text{Rs. } 3750$

$$\text{Cost of two more shirts} = 1450 \times 2 = \text{Rs. } 2900$$

$$\text{The average price of all the 5 shirts he buys} = (3750+2900)/5$$

$$\therefore \text{The average price of all the 5 shirts he buys} = \text{Rs. } 1330$$

**Q.70.(D)** According to question,

$$4/3 \times \pi \times 21^3 \times (1-20/100) \times$$

$$(1-20/100) \times (1-20/100) = 2 \times 4/3 \times \pi r^3$$

Where, r = radius of two new spheres formed,

$$\Rightarrow 2 \times 1^3 \times (1-20/100) \times (1-20/100) \times (1-20/100) = 2 \times r^3$$

$$\Rightarrow 2 \times 1^3 \times (4/5) \times (4/5) = 2 \times r^3$$

$$\Rightarrow r^3 \times [(21 \times 2)/5]^3 \times 4$$

$$\Rightarrow r \times (42/5) \sqrt[3]{4}$$

$$\Rightarrow r \times 8.4 \sqrt[3]{4} \text{ cm.}$$

$$\therefore \text{Radius of each new sphere} = 8.4 \sqrt[3]{4} \text{ cm.}$$

**Q.71.(D)** Cost price (CP) = Rs. 750

$$\text{Mark price (MP)} = 750 \times (1+120/100)$$

$$\Rightarrow \text{Mark price (MP)} = \text{Rs. } 1650$$

Selling price (SP) after discount

$$= 1650 \times (1-30/100)$$

$$\Rightarrow \text{Selling price (SP)} = \text{Rs. } 1155$$

$$\therefore \text{Selling price if the cost price is Rs. } = 1155$$

**Q.72.(B)** Discount% = (M.P.  $\times$  S.P.) / (S.P.)  $\times 100$

$$\Rightarrow \text{Discount\%} = (8500-7225) / 8500 \times 100$$

$$\therefore \text{Discount\%} = 15\%$$

**Q.73.(A)** Ratio of the sides of a cuboid is 2 : 3 : 6

Let the length, breadth and height of a cuboid be 2x, 3x and 6x

Volume of solid cylinder = Volume of cuboid

$$\Rightarrow \pi r^2 h = 2x \times 3x \times 6x$$

$$\Rightarrow (22/7) \times 7 \times 7 \times 28 = 36x^3$$

$$\Rightarrow x^3 = (22 \times 7 \times 7) / 9$$

$$\Rightarrow x = [(22 \times 7 \times 7) / 9]^{1/3}$$

$$\text{Total surface area of cuboid} = 2(lb+bh+hl)$$

$$\Rightarrow \text{Total surface area of cuboid}$$

$$= 2(2x \times 3x + 3x \times 6x + 2x \times 6x)$$

$$\Rightarrow \text{Total surface area of cuboid} = 2(36x^2)$$

$$\Rightarrow \text{Total surface area of cuboid}$$

$$= 2 \times 36 \times [(22 \times 7 \times 7) / 9]^{2/3}$$

$$\therefore \text{Total surface area of cuboid} = 72 \times (1078/9)^{2/3}$$

**Q.74.(C)** Let the number of red and blue marbles be '5x' and '4x', respectively

According to the question,

$$(5x-5)/4x = 10/9$$

$$\Rightarrow x = 9$$

Now, Rizwan has the total number of marbles =

$$(5x-5)+4x=9x-5$$

⇒ Now, Rizwan has the total number of marbles  
 $= 9 \times 9 - 5 = 76$

- Q.75.(A)** Let amount received by son be Rs.  $(7/6)x$   
 and amount received by daughter be Rs.  $(5/3)x$

According to questions

$$7x/6 + 5x/3 = 2125000$$

$$\Rightarrow x = \text{Rs. } 750000$$

∴ The amount received by son  
 $= (7/6) \times 750000 = \text{Rs. } 875000$

## EXPLANATION/SSC GD (CONSTABLE)/ENGLISH LANGUAGE

- Q.76.(B)** Prominent : conspicuous in position or importance

**For other options:**

Renowned : known or talked about by many people; famous.

- Q.77.(B)** Abandon : move out of

**For other options:**

Revive : restore to life or consciousness.

- Q.78.(D)** extremely sharp or intense

- Q.79.(D)** he is given is correct, passive structure.

- Q.80.(A)** Idiom : To end in smoke. Meaning : To come to nothing.

- Q.81.(A)** About (prep): on the subject of; concerning.

- Q.82.(C)** His acting is very good.

'Very' is used for the positive expression, while 'too' is used for the negative expression.

- Q.83.(C)** 'ten-rupee notes' is correct.

In the structure (Number + noun + noun), the first noun is always singular.

- Q.84.(C)** According to the structure:

If + S + V2 + Obj, S + would + V1.

- Q.85.(C)** me where to leave, as 'to' takes v1 (to express the purpose).

- Q.86.(D)** 'novel' is a singular noun, accordingly 'consists' is correct and since 'of' is used with 'consist', the formation is correct.

- Q.87.(D)** Conceal (v) : hide on any grounds for any motive

- Q.88.(B)** Relish (v) : enjoy greatly.

- Q.89.(B)** Solicit (v) : ask for or try to obtain (something) from someone.

- Q.90.(C)** Drastic : forceful and extreme and rigorous

**For other options:**

Parade : a public procession, especially one celebrating a special day or event.

- Q.91.(C)** Betrayal (n): the action of betraying one's country, a group, or a person; treachery.

Loyalty : feelings of faithfulness.

**For other options:**

Treason : the crime of betraying one's country, especially by attempting to kill or overthrow the sovereign or government.

- Q.92.(D)** Exemptions : the action of freeing or state of being free from an obligation or liability imposed on others.

**For other options:**

Exclusion : the process of excluding or the state of being excluded.

Liberalisation : It is any process whereby a state lifts restrictions on some private individual activities. Liberalization occurs when something which used to be banned is no longer banned, or when government regulations are relaxed.

- Q.93.(C)** Humble : having or showing a modest or low estimate of one's importance.

Haughty : arrogantly superior and disdainful.

- Q.94.(B)** He is called a fool by the people, is the passive voice of the sentence.

Present Indefinite is changed into 'is/am/are +v3'.

- Q.95.(C)** The teacher said that Gandhiji was born in India. Definite things are not changed on the part of time/tense.

Kindly refer to the rules of Narration.

- Q.96.(C)** Whose: of whom or which (used to indicate that the following noun belongs to or is associated with the person or thing mentioned in the previous clause).

- Q.97.(D)** Idiom: die in harness: To die while still actively working or still of the age or physical condition to do so (i.e., before retirement).

- Q.98.(D)** On the horns of a dilemma means in a situation in which one has to choose between things that are unpleasant or undesirable.

- Q.99.(A)** This is one of the structures of 'causative verb'. When both the doer and the person who is getting the work done are known, such structure is used.

- Q.100.(D)** Unless: used in case of condition, except if (used to introduce the case in which a statement being made is not true or valid).



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