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# IBPS CLERK/PO 2021

**LIVE**



**MATHS**

**9:00 AM**



**LIVE  
MOCK  
DISCUSSION**



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# **SBI Apprentice 2021**

General/Financial Awareness | English | Quant | Reasoning & Computer

**LIVE**

**महा**

**मैराथन**



**12 सितंबर**

**10 घंटे लगातार**

**सुबह 8:00 बजे**





# UPCOMING ONLINE BATCHES

## September 2021

01 Sep 2021

01:00 PM to 03:00 PM

**LIVE PREMIUM  
GREEN CARD**  
(BANK-PO & CLERK)

08:00 AM to 10:00 AM

**LIVE PREMIUM  
SILVER CARD**  
(SSC CGL & CHSL)

BILINGUAL

08 Sep 2021

10:30 AM to 12:30 PM

**LIVE PREMIUM  
GREEN CARD**  
(BANK-PO & CLERK)

BILINGUAL

15 Sep 2021

03:00 PM to 05:00 PM

**LIVE PREMIUM  
GREEN CARD**  
(BANK-PO & CLERK)

03:00 PM to 05:00 PM

**LIVE MATHS  
INDIVIDUAL**  
(ONLINE LIVE CLASS)

BILINGUAL

03:00 PM to 05:00 PM

**LIVE PREMIUM SILVER CARD**  
(SSC CGL & CHSL)

ENGLISH MEDIUM

22 Sep 2021

05:30 PM to 07:30 PM

**LIVE PREMIUM  
GREEN CARD**  
(BANK-PO & CLERK)

BILINGUAL

29 Sep 2021

10:30 AM to 12:30 PM

**LIVE PREMIUM  
SILVER CARD**  
(SSC CGL & CHSL)

BILINGUAL

07:30 PM to 09:30 PM

**LIVE PREMIUM GREEN CARD**  
(BANK-PO & CLERK)

ENGLISH MEDIUM





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Aheli Chatterjee 1 day ago

Homework answer

D 1311

Thank you so much Sir. The session was very nice.

👍 🗨️ REPLY



Biswajit Pradhan 1 day ago

home work answer

d 1311.

thank you for this wonderful session

👍 🗨️ REPLY



Mohit Bhagat 1 day ago

Thank-you Sir for today's class... 🙏 🙏 🙏

And

My answer for today's homework is-  
Option D- 1311.

Read more

👍 🗨️ REPLY



Palak Shukla 1 day ago

Homework answer----

1311 , Option D

Thankyou sir 🙏 🙏 🙏 🙏

👍 🗨️ REPLY



Simpal Kumari 1 day ago

Homework ans....

$180+300+56+75+400+300=1311$

Awesome session of today sr 🙏 🙏 🙏

Thank u so much sr 🙏

👍 🗨️ REPLY



Soma Das 1 day ago

Home work ans

(D) 1311

Thank you sir

👍 🗨️ REPLY



AAYUSH SRIVASTAVA 1 day ago

HOMEWORK ANSWER- (D): 1311

👍 🗨️ REPLY



Gautam Kumar 1 day ago

HOMEWORK ANSWER

OPTION-(D):-1311

👍 🗨️ REPLY



Rityaj Seth 1 day ago

Homework Answer Option-D 1311

👍 🗨️ REPLY

Class Time :- 9:00 AM

**4. The salaries of X, Y, Z are in the ratio 2: 3: 5. If increment of 25%, 20% and 30% are allowed respectively in their salaries, then what will be the new ratio of their salaries?**

**X, Y तथा Z की आय का अनुपात 2: 3: 5 है। यदि उनकी आय क्रमशः 25%, 20% तथा 30% से बढ़ा दी जाए तो अब उनकी आय का अनुपात क्या होगा?**

(A) 25:36: 65

(B) 20: 16: 65

(C) 25 : 26: 35

(D) 25: 16 :55

(E) None of these



**0:30**





**5.** of the four numbers, whose average is 60, the first is one-fourth of the sum of the last three. The second number is one-third of the sum of other three, and the third is half of the other three. Find the fourth number.

चार संख्याओं का औसत 60 है। पहली संख्या अंतिम तीन संख्याओं के योग का एक चौथाई है। दूसरी संख्या अन्य तीन संख्याओं के योग का एक तिहाई है। तथा तीसरी संख्या अन्य तीन के योग का आधा है। चौथी संख्या ज्ञात करो?

- (A)52      (B)48      (C)80      (D)60      (E)None of these

0:30



6. Ratio of age of father, mother and son is 9:8:3. Five years hence sum of their age will be 95 years. Find the age of son 5 years ago.

पिता, मां और पुत्र की आयु का अनुपात 9: 8: 3 है पांच वर्ष पश्चात उनकी आयु का योग 95 वर्ष होगा। 5 वर्ष पहले पुत्र की आयु ज्ञात कीजिये।

- (A) 12      (B) 7      (C) 10      (D) 15      (E) None of these

0:30





**7. A committee of 5 members is to be formed out of 4 Lawyers, 3 Engineers and 2 Doctors. In how many ways a committee of 2 Lawyers, 2 Engineers and 1 Doctor can be formed ?**

**4 वकील, 3 इंजीनियर और 2 डॉक्टर में से 5 सदस्यों की एक समिति बनानी है । 2 वकील, 2 इंजीनियर और 1 डॉक्टर की समिति कितने तरीकों से बनाई जा सकती है ?**

- (A)25                      (B)64                      (C)9                      (D)36                      (E)None of these

**0:30**



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**8 .** What will be compound interest on an amount of Rs.8400 at the rate of 13.5 p.c.p.a after 2 years?

**रू.8400 की राशि पर 13.5 प्र.श.प्र.व. की दर से 2 वर्ष के अंत में उपचित चक्रवृद्धि ब्याज क्या होगा?**

(A) 2256.18

(B) 2019.38

(C) 2421.09

(D) 2421.09

(E) 2615.08

**0:30**

Class Time :- 9:00 AM



9. In an examination, Sweta scored 25 marks less than Shagun. Shagun scored 45 more marks than Anushika. Aastha scored 75 marks which is 10 more than Anushika. Neha's score is 50 less than, max marks of the test. What approximate percentage of marks did Neha score in the examination, if she gets 34 marks more than Sweta?

एक परीक्षा में, श्वेता, शगुन से 25 अंक कम प्राप्त करती है। शगुन, अनुशिका से 45 अंक अधिक प्राप्त करती है। आस्था 75 अंक प्राप्त करती है जोकि अनुशिका से 10 अधिक है। नेहा का स्कोर टेस्ट के अधिकतम अंकों से 50 कम है। परीक्षा में नेहा ने लगभग कितने प्रतिशत अंक प्राप्त किये यदि वह श्वेता से 34 अंक अधिक प्राप्त करती है?

(A)90

(B)70

(C)80

(D)60

(E)85

0:30





10 . A man sold a book at a profit of 10%. if he had charged Rs.45 more, his profit percentage would have been 25%. Find the value of x if the average of C.P, 52 and x is 172.

एक आदमी एक किताब को 10% के लाभ पर बेचता है, यदि वह 45 रु. अधिक चार्ज करता तो उसका लाभ प्रतिशत 25% हो जाता | x का मान ज्ञात कीजिये यदि क्रय मूल्य, 52 और x का औसत 172 है।

(A)162

(B)160

(C)172

(D)164

(E)None of these

0:30



**22. Cost price of two laptops is same. One is sold at a profit of 15% and the other for Rs. 5200 more than the first. If the net profit is 20% then find the cost price of each laptop?**  
**दो लैपटॉप का क्रयमूल्य समान है। जिनमें से एक को 15% की लाभ पर और दूसरे को पहले से 5200 ज्यादा में बेचा जाता है। यदि उसका कुल लाभ 20% हो तब लैपटॉप का क्रय मूल्य ज्ञात करो ?**

(A)52000

(B)54000

(C)36000

(D)42500

(E)CND

0:30



**Direction (31 to 35 ):- In each question two equations numbered (I) and (II) are given. You have to solve both the equations and mark appropriate answer.**

**(a) If  $x > y$**

**(b) If  $x < y$**

**(c) If  $x \geq y$**

**(d) If  $x \leq y$**

**(e)  $x = y$  or no relation can be established**



**Q.21 :-**

**I.  $x^2 + 9x + 20 = 0$**

**II.  $y^2 + 7y + 12 = 0$**

**Q.22 :-**

**I.  $x^2 + 91 = 20x$**

**II.  $10y^2 - 29y + 21 = 0$**

**Q.23 :-**

**I.  $x^3 - 8 = 0$**

**II.  $y^3 + 8 = 0$**

**Q.24 :-**

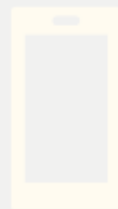
**I.  $x^2 - 14x + 48 = 0$**

**II.  $y^2 + 6 = 5y$**

**Q.25 :-**

**I.  $6x^2 + 13x + 5 = 0$**

**II.  $9y^2 + 22y + 8 = 0$**





**What value should come in the place of question mark(?) in the following questions?**

$$240 \div 8 \times 42 + 261 = ? + 321$$

**(A)1200**

**(B)1300**

**(C)1400**

**(D)1500**

**(E)None of these**





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**What value should come in the place of question mark(?) in the following questions?**

$$765 + 342 + 987 - 231 + 647 = ?$$

**(A) 2410**

**(B) 2520**

**(C) 2510**

**(D) 2610**

**(E) None of these**



**Class Time :- 9:00 AM**





**What value should come in the place of question mark(?)in the following questions?**

$$14^3 + 476 \div 4 - 12^2 = ?$$

**(A)1115**

**(B)1135**

**(C)1235**

**(D) 1035**

**(E)None of these**





**What value should come in the place of question mark(?)in the following questions?**

$$720 \div 4 \div 6 + 641 = ?$$

**(A)671**

**(B)624**

**(C)571**

**(D)471**

**(E)None of these**

**0:30**



**What value should come in the place of question mark(?) in the following questions?**

$$55.8 + 42.4 + 37.2 - 31.4 + 54.4 = ?$$

**(A) 128.4**

**(B) 108.4**

**(C) 158.4**

**(D) 168.4**

**(E) None of these**







**What value should come in the place of question mark(?) in the following questions?**

$$(12 \times 4 + 9)^2 - 121 \div 11 = ?$$

**(A) 3208**

**(B) 3238**

**(C) 3138**

**(D) 3338**

**(E) None of these**





What should come at place of the question mark (?) in the following number series ?

1. **?, 961 , 1156 , 1444 , 1848 , 2401**

(A)729

(B)625

(C)529

(D)841

(E) None of these





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**What should come at place of the question mark (?) in the following number series ?**

2 . 12552, ? , 416 , 102 , 32 , 14

**(A)2040**

**(B)2070**

**(C)2090**

**(D)2190**

**(E) None of these**



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What should come at place of the question mark (?) in the following number series ?

3. **68921 , 50653 , 29791 , 24389 , 12167 , ?**

(A)6869

(B)6859

(C)6879

(D)6889

(E) None of these



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**What should come at place of the question mark (?) in the following number series ?**

4. 150, 110, 74, 49, ?, 24

- (A)33      (B)35      (C)39      (D)37      (E) None of these



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What should come at place of the question mark (?) in the following number series ?

5. 120 , 15 , 105 , 17.5 , ? , 21.875 , 65.625

(A)85.5

(B)87.5

(C)89.5

(D)83.5

(E) None of these



Class Time :- 9:00 AM

**Directions (Q. 26-30):Direction for Question**

**Read the following information carefully to answer the questions asked**

**The following table shows the expenditure and income of a certain company in 5 years.**

**Upon which its profit% and loss% are also given. Some values are missing.**

पूछे गए प्रश्नों के उत्तर देने के लिए निम्नलिखित जानकारी को ध्यान से पढ़ें निम्नलिखित तालिका 5 वर्षों में एक निश्चित कंपनी के व्यय और आय को दर्शाती है। जिस पर उसका लाभ% और हानि% भी दिया जाता है। कुछ मान अनुपलब्ध हैं

Year	Expenditure ( in millions)	Income (in millions)	Profit / loss (+/-) Percentage
2014	192	–	15%
2015	248	–	–
2016	210	–	20%
2017	–	359.6	–
2018	–	–	–12%



**Q.26 :-Profit in 2016 is how much percent more as compared to profit in 2014?**

2016 में लाभ 2014 में लाभ की तुलना में कितना प्रतिशत अधिक है?

- (A)63.23%      (B)56.76%      (C)45.83%      (D)59.82%      (E)None of these

0:30

Year	Expenditure ( in millions)	Income (in millions)	Profit / loss (+/-) Percentage
2014	192	–	15%
2015	248	–	–
2016	210	–	20%
2017	–	359.6	–
2018	–	–	–12%

**Q.27 :- In 2018, expenditure of company was 15% more as compared to 2015. Find income generated by company in 2018.**

2018 में, कंपनी का व्यय 2015 की तुलना में 15% अधिक था। 2018 में कंपनी द्वारा उत्पन्न आय ज्ञात कीजिए।

(A)268.076millions (B)254.936millions (C)250.976millions (D)244.438millions (E)None

0:30

Year	Expenditure ( in millions)	Income (in millions)	Profit / loss (+/-) Percentage
2014	192	–	15%
2015	248	–	–
2016	210	–	20%
2017	–	359.6	–
2018	–	–	–12%

**Q.28:- Loss incurred by company in 2015 was 33.2 millions more than profit of company in 2014, what is the loss% incurred by company in 2015?**

2015 में कंपनी द्वारा किया गया नुकसान 2014 में कंपनी के लाभ से 33.2 मिलियन अधिक था, 2015 में कंपनी द्वारा हुई हानि% क्या है?

- (A)17%      (B)28%      (C)22%      (D)25%      (E)None of these

0:30

Year	Expenditure ( in millions)	Income (in millions)	Profit / loss (+/-) Percentage
2014	192	–	15%
2015	248	–	–
2016	210	–	20%
2017	–	359.6	–
2018	–	–	–12%





**Q.29 :- In 2017, profit percent of company was 60% more than in 2014. Find percent increase (approximately) in expenditure of company in 2017 as compared to previous year.**  
 2017 में, कंपनी का लाभ प्रतिशत 2014 की तुलना में 60% अधिक था। पिछले वर्ष की तुलना में 2017 में कंपनी के व्यय में प्रतिशत वृद्धि (लगभग) ज्ञात कीजिए।

- (A)41%      (B)29%      (C)45%      (D)38%      (E)None of these

Year	Expenditure ( in millions)	Income (in millions)	Profit / loss (+/-) Percentage
2014	192	–	15%
2015	248	–	–
2016	210	–	20%
2017	–	359.6	–
2018	–	–	–12%

0:30

**Q.30 :- Using the data from table and above 4 questions, find the average profit of company in all years.**

तालिका और 4 प्रश्नों के डेटा का उपयोग करके, सभी वर्षों में कंपनी का औसत लाभ ज्ञात कीजिए।

(A)7.8652millioons (B)8.8352millions (C)8.8452millions (D)8.3545millions (E)None of these

Year	Expenditure ( in millions)	Income (in millions)	Profit / loss (+/-) Percentage
2014	192	–	15%
2015	248	–	–
2016	210	–	20%
2017	–	359.6	–
2018	–	–	–12%

0:30



**THANKS**

