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# IBPS CLERK/PO 2021

LIVE



MATHS

9:00 AM

LIVE  
MOCK  
DISCUSSION



# UPCOMING ONLINE BATCHES

## October 2021

20 Oct 2021

03:00 PM to 05:00 PM

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

08:00 AM to 10:00 AM

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

01:00 PM to 03:00 PM

**LIVE CLASS CTET CARD**  
(CTET)

**BILINGUAL**

27 Oct 2021

08:00 AM to 10:00 AM

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

07:30 PM to 09:30 PM

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

10:30 AM to 12:30 PM

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

**BILINGUAL**





Palak Shukla 20 hours ago

Homework answer---

24) 425, Option B

25) 185:168, Option A

Thankyou sir 🙏😊

👍 2 🗨️ REPLY

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Sarita 20 hours ago

Homework answer

24)  $550+300=850/5=425$  (option B)

25) 185:168 (option A)

Today very nice session sir ...

Read more

👍 1 🗨️ REPLY

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Anu Shree 19 hours ago

425

185:168

👍 1 🗨️ REPLY

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Sai kumar 6 hours ago

24—B

25— A

👍 🗨️ REPLY



Motivation Wala Gyan 17 hours ago

Home work answer 24 B 25 A

👍 1 🗨️ REPLY

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Neha Singh 20 hours ago

Good morning 🌞

👍 1 🗨️ REPLY



Sunny Kant Rana 9 hours ago

24.b. And 25.a

👍 1 🗨️ REPLY



punit pandey 21 hours ago

Hw ka ans b and a...hoga

👍 1 🗨️ REPLY

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Simpal Kumari 9 hours ago

Homework ans:-

Q. 24) Option B, 425

Q. 25) Option A, 185:168

Today'sAwesome session sr, TQ so much sr 🙏

👍 🗨️ REPLY



Preeti Das 21 hours ago

Homework answer- 24) 283.33

25) 185:168

and 23) Cnd because exact no of chocolates is not given.

👍 1 🗨️ REPLY

▼ [View reply from Mahendras : Online Videos For Govt.](#)



Archana Pal 21 hours ago

Home work answer

23 me cnd isliye lagaya tha kyoki hme total nhi pta tha

24.option B  $550+300=850/2=425$

25 option A 185:168 ...

Read more

👍 1 🗨️ REPLY



Dron patodia 14 hours ago

Question 24 ans is 425

Question 25 ans is 185:168

Question 23 ans is CND because Exact no of chocolate not mention in que

👍 1 🗨️ REPLY

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**Q.1 :-** An article which was sold for Rs 950.4 was marked at Rs 1440. If two successive discounts were given with first being 25%, find the second discount given?

एक वस्तु जिसे 950.4 रुपए मूल्य पर बेचा गया उस पर 1440 रुपए पर अंकित किया गया था। यदि दो क्रमागत छूट को दिया गया जिसमें प्रथम 25% था, तो दूसरी छूट ज्ञात कीजिये?

- (A) 12.5%      (B) 15%      (C) 12%      (D) 16%      (E) 18%

0:30



**Q.2 :- Mixture A contains 12.5% water and mixture B contains 10% water. In what ratio both mixtures should be mixed in a bottle so that in bottle ratio of milk and water be 89:11.**

**मिश्रण A में पानी 12.5% और मिश्रण B में पानी 10% पानी है। एक बोतल में दोनों को किस अनुपात में मिलाना चाहिए ताकि बोतल में दूध और पानी का अनुपात 89:11 हो जाये।**

- (A) 1 : 2      (B) 1:3      (C) 2 :3      (D) 1:4      (E) 1:5

0:30

**Q.3:-** Two pipes A and B can fill a cistern in 36 minute and 45 minutes respectively. If both the pipes are opened together, then after how much time should B be closed so that the cistern is full in 24 minutes ?

दो पाइप A और B क्रमशः 36 मिनट और 45 मिनट में एक टंकी भर सकते हैं। यदि दोनों पाइप एक साथ खोले जाते हैं, तो उसके कितने समय पश्चात B को बंद कर देना चाहिए ताकि टंकी 24 मिनट में पूरी तरह भर जाए?

- (A) 9      (B) 12      (C) 10      (D) 7      (E) None of these

0:30



**Q.4 :-** The simple interest accrued on Rs 36000 at the end of three years is Rs. 12000. What would be compound interest accrued on the same amount for same time period.(Approx.)

36000 रुपये पर तीन वर्ष के अंत में साधारण ब्याज 12000 रुपये है । समान समय अवधि के लिए समान राशि पर अर्जित चक्रवृद्धि ब्याज ज्ञात कीजिए। (लगभग)

(A)13380

(B)13570

(C)14250

(D)13940

(E) 13900

0:30



**Q.5** A table is sold at a profit of 20%. If both the cost price and the selling price of the table are decreased by Rs. 100, the profit would be 25% more, original cost price of the table is

एक मेज को 20% लाभ पर बेचा जाता है। यदि मेज के क्रय मूल्य और विक्रय मूल्य दोनों में 100 रु. की कमी कर दी जाती है तो लाभ में 25% और वृद्धि हो जाती है, तो मेज का वास्तविक मूल्य है

(A) 600

(B) 550

(C) 650

(D) CND

(E) None of these



**Q.6** The ratio of present ages of Mukul and Varun is 3 : 8 respectively. Varun is 8 years younger to Ritu. After 5 years, Ritu will be 77 years old. What is the present age of Mukul's father who is 24 years older than Mukul ?

मुकुल और वरुण की वर्तमान आयु के बीच अनुपात क्रमशः 3:8 है। वरुण रितु से 8 वर्ष छोटा है। 5 वर्ष बाद रितु की आयु 77 वर्ष होगी। मुकुल के पिता की वर्तमान आयु क्या है जो मुकुल से 24 वर्ष बड़े है?

- (A)62      (B)48      (C)45      (D)42      (E)None of these



**Q.7** Bhagat decided to donate 12% of his monthly salary to an orphanage, On the day of donation he changed his mind and donated Rs. 3456 which was 20% less of what he had decided earlier. What is Bhagat's salary? (in Rs. )

भगत ने अपने मासिक वेतन के 12% को एक अनाथालय में दान करने का निश्चय किया, दान के दिन उन्होंने अपना मन बदल लिया और 3456 रुपए दान कर दिए जो कि जो उन्होंने पहले निर्णय लिया था उससे 20% कम है। भगत का वेतन क्या है? (रुपये में)

(A) 40000

(B) 35000

(C) 32000

(D) 36000

(E) None of these



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

$$\sqrt{289} + 61 + \sqrt{2601} = ?$$

(A)129

(B)119

(C )124

(D)125

(E)126

0:30

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

$$(8 \times 9) \div 18 + 116 = ?$$

(A) 120

(B) 112

(C) 124

(D) 130

(E) None of these



0:30

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

$$140\% \text{ of } 450 + 24\% \text{ of } 650 = ?$$

(A) 786

(B) 474

(C) 800

(D) 488

(E) None of these



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

$$235 + 75 \times 8 = ?$$

- (A) 2480      (B) 835      (C) 1955      (D) 2840      (E) None of these



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

$$172\% \text{ of } 650 - 28^2 = ?$$

- (A) 312      (B) 322      (C) 352      (D) 364      (E) None of these





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

$$\sqrt{1089} + \sqrt{289} = \sqrt{?}$$

(A) 625

(B) 2500

(C) 50

(D) 25

(E) None of these



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

$$695 + 24 \times 2.5 - 149 = ?$$

(A)586

(B)606

(C )626

(D)646

(E)Nine of these

0:30

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

$$?^2 = 40\% \text{ of } 420 + 44\% \text{ of } 200$$

- (A) 7.5      (B) 8.5      (C) 9      (D) 8      (E) None of these



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

$$102^2 + 16^2 - \sqrt{1156} \div 17 = ?$$

(A) 10908

(B) 18905

(C) 10658

(D) 10602

(E) 12903

 0:30

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

$$12210 \div 30 + 3260 \text{ of } 25\% - 58^2 = ?$$

(A) 2148

(B) 2146

(C) 2132

(D) 2142

(E) None of these



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

11 . 520 , 532 , 508 , 544 , ? , 556

(A)440

(B)500

(C) 496

(D)510

(E)440



0:30

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

12 . 2033 , ? , 2054 , 2075 , 2103 , 2138

(A)2040

(B)2000

(C) 2045

(D)2060

(E)2020



0:30

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

13 . 20 , 12 , 14 , 23 , 48 , ?

(A)120

(B)122

(C)150

(D)130

(E)140



0:30



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

14 . 19 , 20 , 42 , 129 , ? , 2605

(A)700

(B)1200

(C)520

(D)450

(E)800



0:30

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

15 . 302 , 142 , 62 , ? , 2 , -8

(A)32

(B)22

(C) 25

(D)28

(E)35



**Directions (Q. 16-20):** Direction for Question Study the following table carefully to answer the following questions.

नीचे दिए गए प्रश्नों का उत्तर देने के लिए निम्न सारणी का ध्यानपूर्वक अध्ययन कीजिये।

Percentage of marks obtained by students in different subjects, where the total marks of the subject is indicated along with the subject name.

विभिन्न विषयों में छात्रों द्वारा प्राप्त किये गए प्रतिशत अंक, जहाँ विषय के कुल अंक विषय के नाम के साथ दिए गए हैं।

| Subject/<br>student | Maths<br>(75) | Physics<br>(60) | Chemistry<br>(80) | Zoology<br>(50) | Botany<br>(40) | Statistics<br>(40) |
|---------------------|---------------|-----------------|-------------------|-----------------|----------------|--------------------|
| A                   | 86            | 82              | 95                | 78              | 66             | 84                 |
| B                   | 92            | 78              | 85                | 89              | 72             | 76                 |
| C                   | 76            | 94              | 89                | 75              | 62             | 69                 |
| D                   | 67            | 74              | 74                | 84              | 85             | 82                 |
| E                   | 74            | 86              | 64                | 80              | 78             | 72                 |
| F                   | 88            | 89              | 76                | 88              | 70             | 64                 |
| G                   | 90            | 96              | 86                | 92              | 65             | 66                 |

**Q.16 :-** What is the total marks obtained by student F in Maths, Physics and Chemistry?

विद्यार्थी F द्वारा गणित, भौतिक विज्ञान और रसायन विज्ञान विषयों में प्राप्त कुल अंक कितने है?

(A)221.8

(B)253

(C)180.2

(D)184

(E)None of these

0:30

| Subject/<br>student | Maths<br>(75) | Physics<br>(60) | Chemistry<br>(80) | Zoology<br>(50) | Botany<br>(40) | Statistics<br>(40) |
|---------------------|---------------|-----------------|-------------------|-----------------|----------------|--------------------|
| A                   | 86            | 82              | 95                | 78              | 66             | 84                 |
| B                   | 92            | 78              | 85                | 89              | 72             | 76                 |
| C                   | 76            | 94              | 89                | 75              | 62             | 69                 |
| D                   | 67            | 74              | 74                | 84              | 85             | 82                 |
| E                   | 74            | 86              | 64                | 80              | 78             | 72                 |
| F                   | 88            | 89              | 76                | 88              | 70             | 64                 |
| G                   | 90            | 96              | 86                | 92              | 65             | 66                 |

**Q.17:-** What is the approximate average marks obtained by all students in Physics?

**भौतिक विज्ञान विषय में सभी छात्रों द्वारा प्राप्त औसत अंक लगभग क्या है?**

(A)51      (B)85      (C)54      (D)76      (E)70

0:30

| Subject/<br>student | Maths<br>(75) | Physics<br>(60) | Chemistry<br>(80) | Zoology<br>(50) | Botany<br>(40) | Statistics<br>(40) |
|---------------------|---------------|-----------------|-------------------|-----------------|----------------|--------------------|
| A                   | 86            | 82              | 95                | 78              | 66             | 84                 |
| B                   | 92            | 78              | 85                | 89              | 72             | 76                 |
| C                   | 76            | 94              | 89                | 75              | 62             | 69                 |
| D                   | 67            | 74              | 74                | 84              | 85             | 82                 |
| E                   | 74            | 86              | 64                | 80              | 78             | 72                 |
| F                   | 88            | 89              | 76                | 88              | 70             | 64                 |
| G                   | 90            | 96              | 86                | 92              | 65             | 66                 |

**Q.18 :-** What is the approximate percent marks obtained by student D in all subjects?

**D विद्यार्थी द्वारा सभी विषयों में प्राप्त प्रतिशत अंक लगभग क्या है?**

(A)76      (B)82      (C)86      (D)74      (E)69

0:30

| Subject/<br>student | Maths<br>(75) | Physics<br>(60) | Chemistry<br>(80) | Zoology<br>(50) | Botany<br>(40) | Statistics<br>(40) |
|---------------------|---------------|-----------------|-------------------|-----------------|----------------|--------------------|
| A                   | 86            | 82              | 95                | 78              | 66             | 84                 |
| B                   | 92            | 78              | 85                | 89              | 72             | 76                 |
| C                   | 76            | 94              | 89                | 75              | 62             | 69                 |
| D                   | 67            | 74              | 74                | 84              | 85             | 82                 |
| E                   | 74            | 86              | 64                | 80              | 78             | 72                 |
| F                   | 88            | 89              | 76                | 88              | 70             | 64                 |
| G                   | 90            | 96              | 86                | 92              | 65             | 66                 |

**Q.19 :-** What is the difference between the marks obtained by student C in Zoology, Botany and Statistics together and that by student G in the same subjects?

विद्यार्थी C द्वारा जन्तु विज्ञान, वनस्पति विज्ञान और सांख्यिकी में प्राप्त कुल अंको तथा विद्यार्थी G द्वारा इन्हीं विषयों में प्राप्त कुल अंको के बीच अन्तर क्या है?

- (A)8      (B)7      (C) 9.5      (D) 8.5      (E)None of these

0:30

| Subject/<br>student | Maths<br>(75) | Physics<br>(60) | Chemistry<br>(80) | Zoology<br>(50) | Botany<br>(40) | Statistics<br>(40) |
|---------------------|---------------|-----------------|-------------------|-----------------|----------------|--------------------|
| A                   | 86            | 82              | 95                | 78              | 66             | 84                 |
| B                   | 92            | 78              | 85                | 89              | 72             | 76                 |
| C                   | 76            | 94              | 89                | 75              | 62             | 69                 |
| D                   | 67            | 74              | 74                | 84              | 85             | 82                 |
| E                   | 74            | 86              | 64                | 80              | 78             | 72                 |
| F                   | 88            | 89              | 76                | 88              | 70             | 64                 |
| G                   | 90            | 96              | 86                | 92              | 65             | 66                 |

**Q.30 :-** What is the total marks obtained by all student in Maths?

**सभी छात्रों द्वारा गणित में प्राप्त कुल अंक क्या हैं ?**

(A)425.25

(B) 429.75

(C) 426.7

(D)427

(E)None of these

0:30

| Subject/<br>student | Maths<br>(75) | Physics<br>(60) | Chemistry<br>(80) | Zoology<br>(50) | Botany<br>(40) | Statistics<br>(40) |
|---------------------|---------------|-----------------|-------------------|-----------------|----------------|--------------------|
| A                   | 86            | 82              | 95                | 78              | 66             | 84                 |
| B                   | 92            | 78              | 85                | 89              | 72             | 76                 |
| C                   | 76            | 94              | 89                | 75              | 62             | 69                 |
| D                   | 67            | 74              | 74                | 84              | 85             | 82                 |
| E                   | 74            | 86              | 64                | 80              | 78             | 72                 |
| F                   | 88            | 89              | 76                | 88              | 70             | 64                 |
| G                   | 90            | 96              | 86                | 92              | 65             | 66                 |



# THANKS

