



IBPS CLERK/PO 2021

LIVE



MATHS

9:00 AM


LIVE
MOCK
DISCUSSION

UPCOMING ONLINE BATCHES

September 2021

01 Sep 2021	08 Sep 2021	15 Sep 2021	22 Sep 2021	29 Sep 2021
<p>01:00 PM to 03:00 PM LIVE PREMIUM GREEN CARD (BANK-PO & CLERK)</p> <p>08:00 AM to 10:00 AM LIVE PREMIUM SILVER CARD (SSC CGL & CHSL)</p> <p>BILINGUAL</p>	<p>10:30 AM to 12:30 PM LIVE PREMIUM GREEN CARD (BANK-PO & CLERK)</p> <p>BILINGUAL</p>	<p>03:00 PM to 05:00 PM LIVE PREMIUM GREEN CARD (BANK-PO & CLERK)</p> <p>03:00 PM to 05:00 PM LIVE MATHS INDIVIDUAL (ONLINE LIVE CLASS)</p> <p>BILINGUAL</p> <p>03:00 PM to 05:00 PM LIVE PREMIUM SILVER CARD (SSC CGL & CHSL)</p> <p>ENGLISH MEDIUM</p>	<p>05:30 PM to 07:30 PM LIVE PREMIUM GREEN CARD (BANK-PO & CLERK)</p> <p>BILINGUAL</p>	<p>10:30 AM to 12:30 PM LIVE PREMIUM SILVER CARD (SSC CGL & CHSL)</p> <p>BILINGUAL</p> <p>07:30 PM to 09:30 PM LIVE PREMIUM GREEN CARD (BANK-PO & CLERK)</p> <p>ENGLISH MEDIUM</p>


R Rajnandini Pal 1 day ago
Sir, you appreciate the children a lot and w motivation. Really thank you so much sir | Homework Answer
Q1) option C(146)
Read more
👍 🗨️ REPLY


 Palak Shukla 1 day ago
Homework answers-----
1) 146 , Option C
2) 3000 , Option A
Thankyou sir 🙏🙏🙏
👍 1 🗨️ REPLY
▶ [View reply from Mahendras : Online](#)


N New Government Job 2020 1 day ago
Homework Answer
Q.1. 146 option (c)
Q.2. 3000 option (a)
👍 🗨️ REPLY


 Rohit Gond 1 day ago
146
3000
👍 🗨️ REPLY
▶ [View reply from Mahen](#)


 Anu Shree 1 day ago
146
3000
👍 🗨️ REPLY
▶ [View reply from Mahen](#)

 SARITA RAWAT 1 day ago
Homework answer
Q.1)option (C) 146
Q.2)option (A) 3000
Today very awesome session sir 🙏
Read more
👍 🗨️ REPLY


 Chandan Das 1 day ago
Hw answer
Option C
Option A
Thank you sir nice session 🙏
👍 🗨️ REPLY


 Archana Pal 1 day ago
Home work answer
Q.1 option C (146)
Q.2 option A(3000)
Thank u so much sir 🙏🙏🙏
👍 🗨️ REPLY
▶ [View reply from Mahendras :](#)

 Soma Das 1 day ago
Home work ans
1. (c) 146
2. (a) 3000
Thank you sir
👍 🗨️ REPLY
▶ [View reply from Mahendras : On](#)

 Aheli Chatterjee 1 day ago
Hw ans
146
3000
Thank you sir. 🙏
👍 🗨️ REPLY
▶ [View reply from Mahendras : On](#)

S Sachi Pandey 1 day ago
1) 146
2) 3000
👍 🗨️ REPLY

 punit pandey 1 day ago
Hw...1 ka optn c 146 solved through c
2 ka optn a 3000
👍 🗨️ REPLY

 Rityaj Seth 1 day ago
OPTION C=146
OPTION A=3000
👍 🗨️ REPLY
▶ [View reply from Mahendras :](#)

S Sakshi Kanwar 1 day ago
Good morning sir new student
👍 1 🗨️ REPLY
▶ [View reply from Mahendras :](#)

 Sandipan Das 1 day ago
1) 146
2) 3000
👍 🗨️ REPLY
▶ [View reply from Mahendras :](#)

a anjali 1 day ago
1. 146
2. 3000
👍 🗨️ REPLY
▶ [View reply from Mahendras :](#)

Find the wrong number in the following number series.

11. 32 , 39 , 65 , 128 , 253 , 467

(A)467

(B)65

(C)253

(D)39

(E)32

 0:30

Find the wrong number in the following number series.

12. 2 , 13 , 27 , 113 , 561 , 3369

(A)561

(B)13

(C)2

(D)113

(E)27

 0:30

Find the wrong number in the following number series.

13. 1256 , 976 , 1116 , 1046 , 1081 , 1036.5

(A) 1036.5

(B) 976

(C) 1081

(D) 1116

(E) 1256



0:30

Find the wrong number in the following number series.

14. 125 , 248 , 790 , 3285 , 17050 , 105425

(A) 105425

(B) 17050

(C) 790

(D) 125

(E) 248

 0:30

Find the wrong number in the following number series.

15. 200 , 221 , 2883 , 6192 , 29840 , 239325

(A)221

(B)2883

(C)6192

(D)2393325

(E)200



0:30

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

Read the following information carefully and answer the following question.

निम्न दी गयी जानकारी को ध्यानपूर्वक पढ़े और निम्न प्रश्न के उत्तर दीजिये

The table contains data of number of employees working in five companies and percentage of male and female employees working in their two different departments
दी गयी सारणी में पाँच कंपनियों के कर्मचारियों की संख्या और इनके दो भिन्न विभाग में पुरुष और महिलाओं के प्रतिशत की जानकारी दी गयी है

Company	Employees	Department - 1		Department - 2	
		Male	Female	Male	Female
A	400	12	14	9	7
B	650	18	10	12	14
C	500	28	14	4	7
D	550	32	8	6	4
E	300	12	18	3	7

Q.26 :- Total number of Department I employees of company A is what percent more than the total number of Department II employee in company E?

कंपनी A के विभाग 1 के कुल कर्मचारी से कंपनी E के विभाग 2 के कुल कर्मचारी कितने प्रतिशत अधिक हैं?

- (A) $246 \frac{2}{3} \%$ (B) $146 \frac{2}{3} \%$ (C) $243 \frac{1}{3} \%$ (D) $143 \frac{1}{3} \%$ (E) None of these

0:30

Company	Employees	Department - 1		Department - 2	
		Male	Female	Male	Female
A	400	12	14	9	7
B	650	18	10	12	14
C	500	28	14	4	7
D	550	32	8	6	4
E	300	12	18	3	7

Q.27:- Find the ratio between male employee in Department I of company A and C together to female employee of Department II in company D and E together.

कंपनी A और C को मिलाकर विभाग 1 के पुरुष कर्मचारी का कंपनी D और E को मिलाकर विभाग 2 की महिला कर्मचारी से अनुपात ज्ञात कीजिये।

(A)188: 43

(B)43 : 188

(C)4 : 47

(D)47: 44

(E)None of these

0:30

Company	Employees	Department - 1		Department - 2	
		Male	Female	Male	Female
A	400	12	14	9	7
B	650	18	10	12	14
C	500	28	14	4	7
D	550	32	8	6	4
E	300	12	18	3	7

Q.28 :- Find the difference between female employees of Department 1 in all companies together (excluding company D) and the female employees of Department 2 in all companies together (excluding company B)?

सभी कंपनियों (कंपनी D के अतिरिक्त) के विभाग 1 की महिलाओं का तथा सभी कंपनियों (कंपनी B के अतिरिक्त) के विभाग 2 की महिलाओं का अंतर ज्ञात कीजिये।

- (A) 134 (B) 137 (C) 139 (D) 140 (E) CND

0:30

Company	Employees	Department - 1		Department - 2	
		Male	Female	Male	Female
A	400	12	14	9	7
B	650	18	10	12	14
C	500	28	14	4	7
D	550	32	8	6	4
E	300	12	18	3	7

Q.29 :- Find the ratio between the numbers of female employees of company B in Department I to the number of male employees of company C in department II.

कंपनी B के विभाग 1 की महिलाओं की संख्या से कंपनी C के विभाग 2 के पुरुषों की संख्या का अनुपात ज्ञात कीजिये।

(A) 13 : 4

(B) 4 : 1

(C) 3 : 13

(D) 13 : 3

(E) CND

0:30

Company	Employees	Department - 1		Department - 2	
		Male	Female	Male	Female
A	400	12	14	9	7
B	650	18	10	12	14
C	500	28	14	4	7
D	550	32	8	6	4
E	300	12	18	3	7

Q.30 :- If 60% of the employees of company E in Department I are post graduate and 40% of the employees of the same company in the Department II are post graduate, then what is the percentage of employees who are post graduate in both the departments of company E to the total employees of company E?

यदि कंपनी E में विभाग 1 के 60% कर्मचारी परास्नातक हैं। और उसी कंपनी में विभाग 2 के 40% कर्मचारी परास्नातक हैं, तो कंपनी E में इन दोनों विभाग को मिलाकर परास्नातक कर्मचारी, कंपनी E के कुल कर्मचारियों का कितना प्रतिशत है?

- (A) 11% (B) 22% (C) 33% (D) 66% (E) None of these

0:30

Company	Employeees	Department - 1		Department - 2	
		Male	Female	Male	Female
A	400	12	14	9	7
B	650	18	10	12	14
C	500	28	14	4	7
D	550	32	8	6	4
E	300	12	18	3	7

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

$$19^3 + 29^2 - 87^2 = ? - 25\% \text{ of } 60$$

(A)149

(B)142

(C)146

(D)148

(E)None of these



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

$$52 \times 55 + 19^2 = ? + 221$$

(A)3000

(B)3045

(C)4490

(D)3221

(E)2956



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

$$\sqrt[3]{2744} + \sqrt{1296} + 17\% \text{ of } 120 = ?^2$$

(A) 70.9

(B) 70.2

(C) 70.4

(D) 71.5

(E) 70.6



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

$$25\% \text{ of } 940 + 30\% \text{ of } 1400 + 50\% \text{ of } 42 = ?^2$$

- (A) 26 (B) 24 (C) 22 (D) 29 (E)None of these**



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

$$340 \text{ of } 60 \% + 120 \text{ of } 25 \% = ? + \sqrt{529}$$

- (A)212 (B)211 (C)213 (D)201 (E)None of these



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

$$424 + 341 + 267 + 352 + 683 = ?$$

(A)2063

(B)2057

(C)2067

(D)2076

(E)None of these



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

$$\sqrt{1296 + 46^2 - 14 \times 19} = ?$$

(A)1876

(B)1786

(C)1887

(D)1886

(E)None of these



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

$$32^2 + 24^3 \div 16 + 112 = ? + 150$$

(A) 2000

(B) 1950

(C) 1850

(D) 1900

(E) None of these



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

$$\sqrt{1156} + 124 \frac{3}{4} + 1786 - 136 = ?$$

(A)1787

(B)1768

(C)1786

(D)1777

(E)None of these



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

$$26 \times 32 + 17 \times 12 - 342 + \sqrt{256} = ?$$

(A)970

(B)980

(C)964

(D)916

(E)None of these



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

$$9648 \div 12 + 124 + 52^2 - 132 = ?$$

(A)3450

(B)3550

(C)3600

(D)3500

(E)None of these



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

$$23.64 + 34.76 + 62.28 - 48.24 + 12.76 = ?$$

(A)65.2

(B)75.2

(C)85.2

(D)84.2

(E)None of these



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

$$(424 \div 8 + \sqrt{3364})^2 - 321 = ?$$

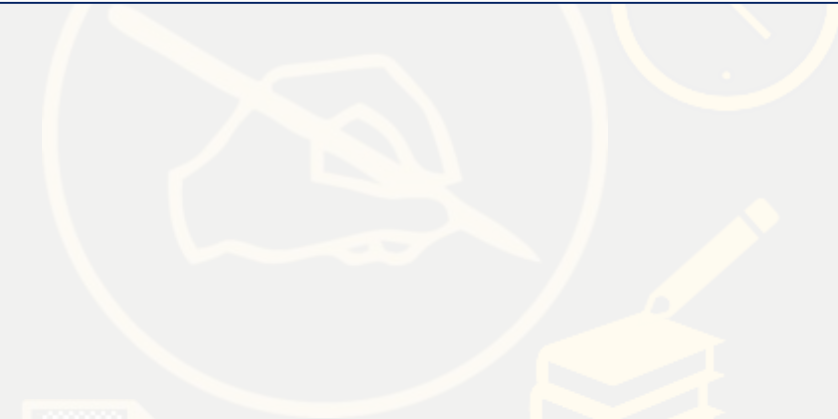
(A) 12600

(B) 12000

(C) 12300

(D) 120000

(E) None of these



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

$$3034 - (1002 \div 20.04) = ?$$

(A)2984

(B)2343

(C)2989

(D)2549

(E)2894



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

$$420 + 42 \times 4 - 42 + 42^2 = ?$$

(A) 2310

(B) 2320

(C) 2310

(D) 2220

(E) None of these



Q.11:- An article is sold at a profit of 25%. Shopkeeper allows three successive discounts of 10%, 15% and 5%. At what per cent above cost price he must marked the article?

एक वस्तु को 25% के लाभ पर बेचा जाता है। दुकानदार 10%, 15% और 5% की लगातार तीन छूट देता है। उसे क्रय मूल्य से कितने प्रतिशत अधिक पर वस्तु को अंकित करना चाहिए?

(A)68%

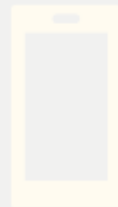
(B)72%

(C)64%

(D)80%

(E)75%

0:30

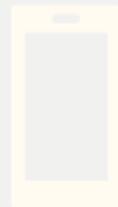


Q.12:- In a family, Kriti who is wife of Kapil is 2 years younger to Kapil. Ratio of ages of Kriti and Kapil's brother Kumar is 4: 3. Find the present age of Kapil's father Kamlesh who is 20 years older to Kriti if the age of Kumar after 15 years from now will be 33 years.

एक परिवार में, कृति, जो कपिल की पत्नी है, कपिल से 2 वर्ष छोटी है। कृति और कपिल के भाई कुमार की आयु का अनुपात 4:3 है। कपिल के पिता कमलेश की वर्तमान आयु ज्ञात कीजिए जो कृति से 20 वर्ष बड़ा है यदि कुमार की आयु अब से 15 वर्ष बाद 33 वर्ष होगी।

- (A)44 (B)42 (C) 36 (D) 40 (E)None of these

0:30



Q.13:- 5 students from CMS College went for a competition and they choose a hotel for staying where 8 rooms are allotted to them. What is the probability that all the five students occupy different rooms?

सीएमएस कॉलेज के 5 छात्र एक प्रतियोगिता के लिए गए और वे ठहरने के लिए एक होटल चुनते हैं जहां उन्हें 8 कमरे आवंटित किए जाते हैं। इसकी क्या प्रायिकता है कि सभी पांच विद्यार्थी अलग-अलग कमरों में रहते हैं?

(A) $163 / 512$

(B) $105 / 512$

(C) $97 / 484$

(D) $123 / 512$

(E) None of these

0:30



Q.14:- In an election, A and B were two contestants. 20% of voters did not participate in voting. 10% of polled votes are rejected as invalid. A received 50% votes of polling and was winner by a margin of 600 votes. What was the number of total voters?

एक चुनाव में, A और B दो प्रतियोगी थे। 20% मतदाताओं ने मतदान में भाग नहीं लिया। डाले गए मतों का 10% अमान्य के रूप में खारिज कर दिया जाता है। A को मतदान में 50% मत प्राप्त हुए और वह 600 मतों के अंतर से विजेता रहा। कुल मतदाताओं की संख्या कितनी थी?

(A)6000

(B)7500

(C)7200

(D)6500

(E)6000

0:30



Q.15:- A person can row a boat d km. upstream and the same distance downstream in 5 hours 15 minutes. Also, he can row the boat $2d$ km upstream in 7 hours. How long will it take to row the same distance $2d$ km downstream?

एक व्यक्ति धारा के प्रतिकूल एक नाव d किमी और धारा के अनुकूल समान दूरी 5 घंटे 15 मिनट में चला सकता है। साथ ही, वह 7 घंटे में नाव को $2d$ किमी धारा के प्रतिकूल चला सकता है। समान दूरी $2d$ किमी धारा के अनुकूल नाव को चलाने में कितना समय लगेगा?

(A) $7/2$ hours

(B) 7 hours

(C) 14 hours

(D) 3 hours

(E) 5 hours

0:30



Q.16:- At an examination in which maximum marks are 500. A got 10% less than B, B got 25% more than C and C got 20% less than D. If A got 360 marks what percentage of marks was obtained by D?

एक परीक्षा में जिसमें अधिकतम अंक 500 हैं। A को B से 10% कम, B को C से 25% अधिक और C को D से 20% कम प्राप्त हुए। यदि A को 360 अंक मिले, तो D ने कितने प्रतिशत अंक प्राप्त किए?

(A)75%

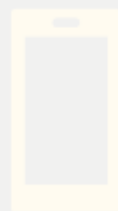
(B)80%

(C)78%

(D)82%

(E)83%

0:30



Q.17:- The sum of four consecutive even numbers is greater than sum of three consecutive odd numbers by 69. If the sum of last odd and even number is 59, then find the product of smallest even and odd number.

चार क्रमागत सम संख्याओं का योग तीन क्रमागत विषम संख्याओं के योग से 69 अधिक है। यदि अंतिम विषम और सम संख्या का योग 59 है, तो सबसे छोटी सम और विषम संख्या का गुणनफल ज्ञात कीजिए।

- (A)690 (B)686 (C)700 (D)805 (E)570

0:30



Q.18:- 12 men and 16 women together can complete a work in 26 days while 10 women and 18 children together can complete the work in 20 days. Also, 8 men and 16 children can complete the work in 25 days. 1 man, 1 woman and 1 child start the work and from 2nd day onwards every day 1 new man, 1 new woman and 1 new child join the work. On which day the work shall be completed?

12 पुरुष और 16 महिलाएं मिलकर एक काम को 26 दिनों में पूरा कर सकते हैं जबकि 10 महिलाएं और 18 बच्चे मिलकर काम को 20 दिनों में पूरा कर सकते हैं। साथ ही, 8 पुरुष और 16 बच्चे 25 दिनों में कार्य को पूरा कर सकते हैं। 1 पुरुष, 1 महिला और 1 बच्चा कार्य शुरू करते हैं और दूसरे दिन से प्रत्येक दिन 1 नया पुरुष, 1 नई महिला और 1 नया बच्चा कार्य में शामिल होता है। काम किस दिन पूरा किया जाएगा?

(A) 20 day

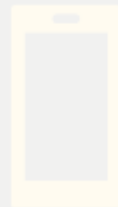
(B) 21day

(C) 22

(D) None of these

(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.31 :- I. $2x^2 + 29x + 50 = 0$

II. $3y^2 + 18y + 27 = 0$

Q.32 :- I. $x^2 = 86.49$

II. $y = \sqrt{86.49}$

Q.33 :- I. $10x^2 - 55x + 70 = 0$

II. $y^2 - 2.25 = 0$

Q.34 :- I. $6x^2 + 25x - 25 = 0$

II. $5y^2 - 31y + 30 = 0$

Q.35 :- I. $x^2 + 14x + 45 = 0$

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



THANKS

