





Mahendra's

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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



Sarita 21 hours ago
Homework answer
Option (C) 1540
Logic ... $\times 3 + 16 = 1540$
Today very nice session sir ...
Read more

👍 1 🗨️ REPLY

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Rajnandini Pal 21 hours ago
Homework Answer
Option C(1540).
Thank you so much sir 🙏

👍 1 🗨️ REPLY

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Biswajit Pradhan 5 hours ago
HOME WORK ANSWER
OPTION C(1540)
 $64 \times 1.5 + 2 \dots \dots \dots 508 \times 3 + 16$
THANKYOU SIR FOR THIS SESSION

👍 🗨️ REPLY



Simpal Kumari 12 hours ago
Homework ans
1540(option C) ,thank u so much sr 🙏

👍 1 🗨️ REPLY

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Sai kumar 7 hours ago
1540 ($508 \times 3 + 16$)

👍 🗨️ REPLY



Punit Pandey 21 hours ago
Hw ka ans 1540 hoga ar concept hai pre

👍 1 🗨️ REPLY

▼ [View reply from Mahendras : Online](#)



Neha Singh 21 hours ago
Good morning teacher

👍 1 🗨️ REPLY



deepak patel 2 hours ago
Home work answer 1540

👍 🗨️ REPLY



Anu Shree 19 hours ago
1540

👍 1 🗨️ REPLY

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Rityaj Seth 21 hours ago
1540

👍 1 🗨️ REPLY

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

$$80\% \text{ of } 20 + 66.66\% \text{ of } 324 + 60\% \text{ of } 35 = ?$$

(A) 271

(B) 256

(C) 262

(D) 253

(E) 244



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

$$(?)^2 + 9^3 = 31^2 - 7$$

- (A) 15 (B) 35 (C) 31 (D) 7 (E) 3



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

$$30^2 - 28^2 - 36^2 + 10^3 - 9^3 = ?$$

(A)-898

(B) -909

(C)-881

(D)-920

(E)None of these



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

$$\sqrt{?} = (153 \times 46) \div 18 = ?$$

(A) 152881

(B) 144169

(C) 142881

(D) 160000

(E) None of these



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

$$(3834 \div 27) \times (3920 \div 112) = ?$$

(A) 3870

(B) 4970

(C) 4550

(D) 4270

(E) None of these



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

$$2.8\% \text{ of } 1220 + 7.4\% \text{ of } 780 = ?$$

- (A) 89.88 (B) 87.88 (C) 91.88 (D) 95.88 (E) None of these



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

$$0.6 \times 2.8 \times 35 \div 0.0049 = ?$$

(A) 1100

(B) 1200

(C) 800

(D) 1500

(E) 1300



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

$$30\% \text{ of } \sqrt{15625} + 70\% \text{ of } \sqrt[3]{3375} = ?$$

- (A)24 (B) 32 (C) 48 (D)40 (E)36



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

$$14^3 - 46 \times 33 = 8 \times ?$$

- (A) 151.75 (B) 153.25 (C) 164.50 (D) 174.25 (E) None of these



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

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

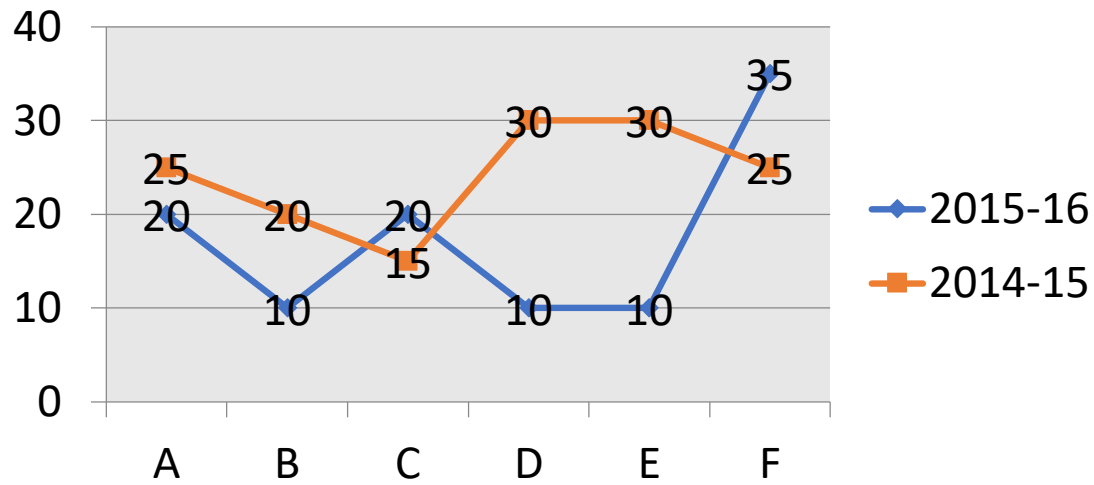
- (A) 312 (B) 322 (C) 364 (D) 334 (E) None of these



Directions (Q. 16-20):-Study the following graph carefully and answer the given questions.

निम्नलिखित ग्राफ का ध्यानपूर्वक अध्ययन करें और दिए गए प्रश्नों के उत्तर दें।

Percentage increase in population of six towns from 2014 to 2015 and 2015 to 2016.



Actual population in these village in three different years

Town/ Years	2014	2015	2016
A	-	-	3750
B	-	1980	-
C	-	-	1518
D	-	-	-
E	1250	-	-
F	1250	-	-

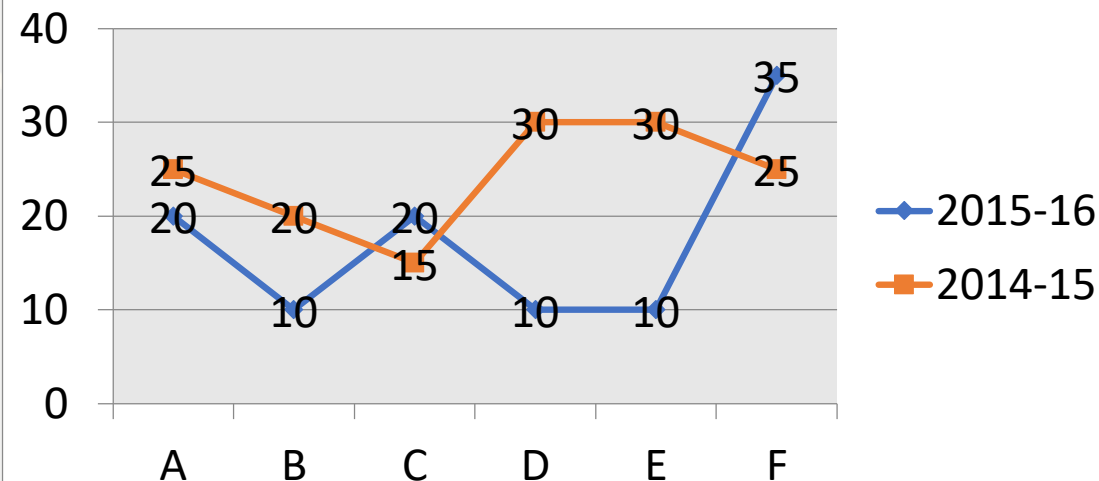
Q.16 :- What is the total increase in population of town A from 2014 to 2016?

2014 से 2016 तक शहर A की जनसंख्या में कुल वृद्धि कितनी है?

- (A) 1250 (B) 2500 (C) 1800 (D) 250 (E) 1050

0:30

Percentage increase in population of six towns from 2014 to 2015 and 2015 to 2016.



Actual population in these village in three different years

Town/ Years	2014	2015	2016
A	-	-	3750
B	-	1980	-
C	-	-	1518
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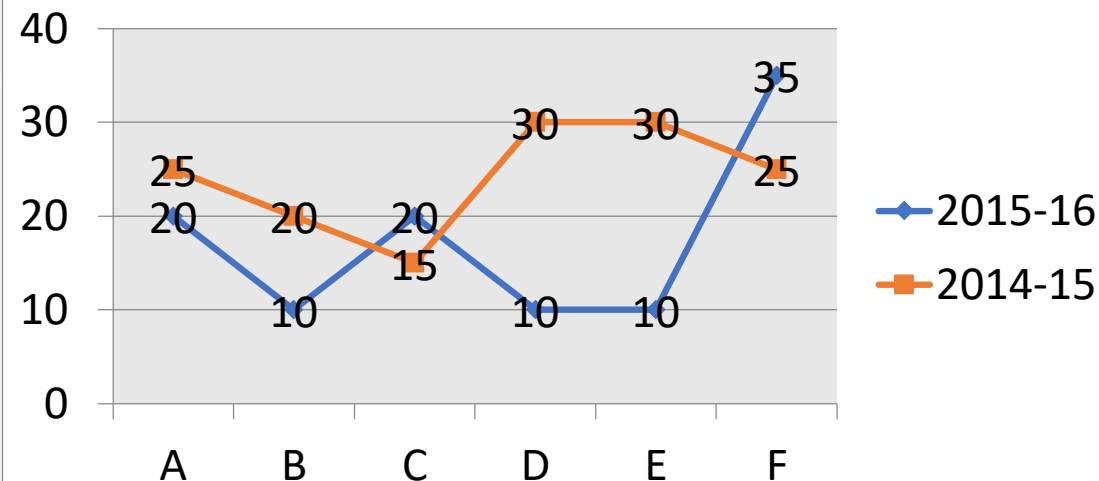
Q.17 :- If the average population of all the towns in year 2016 is 2201 then what is the population of town D

यदि वर्ष 2016 में सभी शहरों की औसत जनसंख्या 2201 है, तो शहर D की जनसंख्या क्या है?

- (A)1504 (B)1604 (C)1704 (D)1804 (E) None of these



Percentage increase in population of six towns from 2014 to 2015 and 2015 to 2016.



Actual population in these village in three different years

Town/ Years	2014	2015	2016
A	-	-	3750
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C	-	-	1518
D	-	-	-
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F	1250	-	-

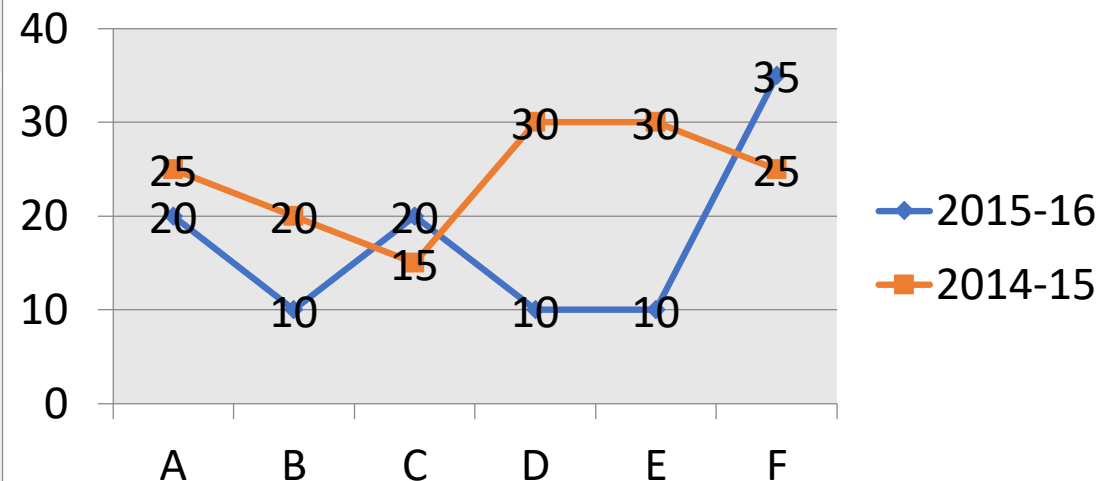
Q.18 :- What is the total increase percentage of population in the town A, B and C taken together from 2014 to 2016?

2014 से 2016 तक शहर A, B और C में जनसंख्या का कुल वृद्धि प्रतिशत कितना है?

- (A)40% (B)42% (C)44% (D)46% (E) None of these

0:30

Percentage increase in population of six towns from 2014 to 2015 and 2015 to 2016.



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C	-	-	1518
D	-	-	-
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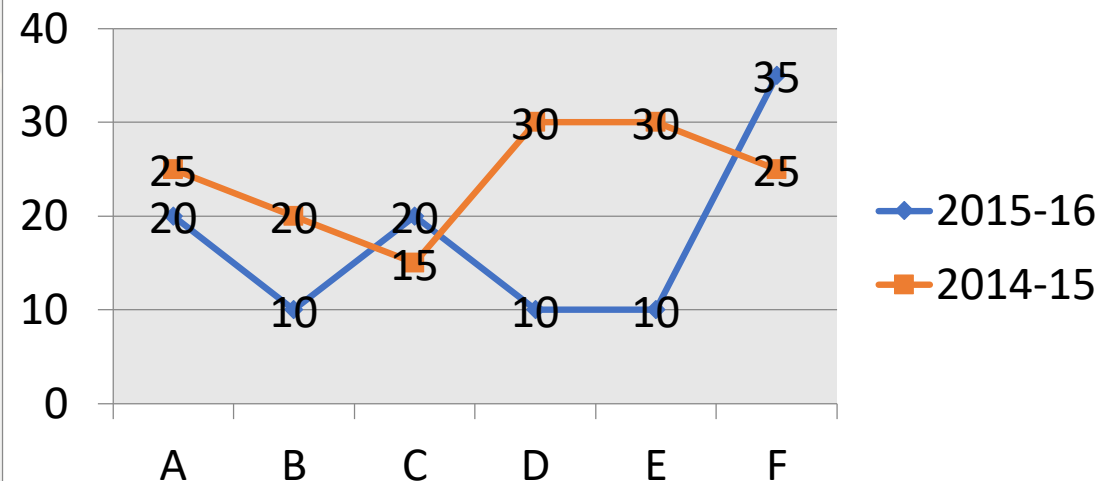
Q.19 :- If the total population in town D in 2015 is 1300 then find the average population of all the towns in year 2014?

यदि 2015 में शहर D की कुल जनसंख्या 1300 है, तो वर्ष 2014 में सभी शहरों की औसत जनसंख्या ज्ञात कीजिए?

- (A)1450 (B)1350 (C)1520 (D)1620 (E) None of these

0:30

Percentage increase in population of six towns from 2014 to 2015 and 2015 to 2016.



Actual population in these village in three different years

Town/ Years	2014	2015	2016
A	-	-	3750
B	-	1980	-
C	-	-	1518
D	-	-	-
E	1250	-	-
F	1250	-	-

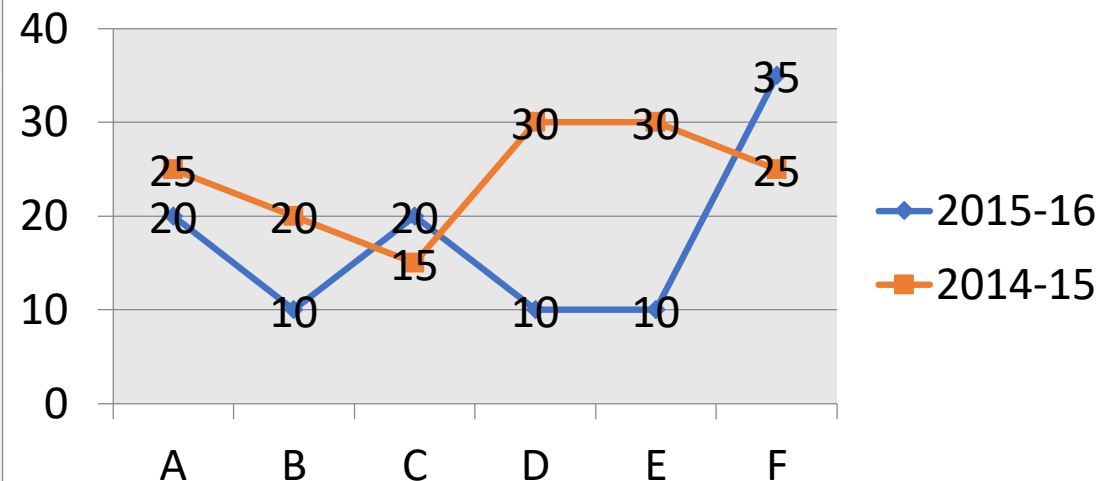
Q.20 :- What is the ratio of total population of all the towns in 2015 to the total population of all the town in 2016?

2015 में सभी शहरों की कुल जनसंख्या का 2016 में सभी शहरों की कुल जनसंख्या से अनुपात कितना है?

- (A) 6 : 7 (B) 4:5 (C) 5: 3 (D) 2: 1 (E) CND

0:30

Percentage increase in population of six towns from 2014 to 2015 and 2015 to 2016.



Actual population in these village in three different years

Town/ Years	2014	2015	2016
A	-	-	3750
B	-	1980	-
C	-	-	1518
D	-	-	-
E	1250	-	-
F	1250	-	-

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

21 . 244 , 605 , 861 , 1030 , ? , 1079

(A)1140

(B)1136

(C)1130

(D) 1142

(E)1138



0:30

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

22 . 80 , ? , 144 , 420 , 1664 , 8300

(A) 90

(B) 96

(C) 84

(D) 86

(E) 76



0:30

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

23 . 45 , 60 , 79 , 106 , 145 , ?

(A) 200

(B) 195

(C) 190

(D) 215

(E) 210



0:30

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

24 . 420 , 105 , ? , 52.5 , 105 , 420

(A) 26.25

(B) 52.5

(C) 42

(D) 84

(E) 64



0:30

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

25 . 112 , 120 , 111 , ? , 150 , 366

(A)170

(B)160

(C)175

(D)165

(E) 178

0:30

Q.27 :- If three times of the son's age in years is included to the mother's age, the total is 75 and if two times of the mother's age is included to the son's age, the total is 80. So the son's age is?

यदि वर्ष में पुत्र की आयु का तीन गुना माता की आयु में शामिल किया जाता है, तो कुल 75 होता है और यदि माता की आयु का दो गुना पुत्र की आयु में शामिल किया जाता है, तो कुल 80 होता है। तो पुत्र की आयु है?

- (A)15 (B)18 (C)14 (D)22 (E) None of these

0:30

Q.28 :- 4 matches are to be played in a chess tournament. In how many ways can result be decided?

एक शतरंज टूर्नामेंट में 4 मैच खेले जाने हैं। परिणाम कितने तरीकों से तय किया जा सकता है?

- (A) 27 (B) 243 (C) 9 (D) 81 (E) None of these

0:30

Q.29 :- The average weight of 40 Students is 32. If the Heaviest and Lightest are excluded the average weight reduces by 1. If only the Heaviest is excluded then the average is 31. Then what is the weight of the Lightest?

40 छात्रों का औसत वजन 32 है। यदि सबसे भारी और सबसे हल्के को बाहर कर दिया जाता है तो औसत वजन 1 से कम हो जाता है। यदि केवल सबसे भारी को बाहर रखा जाता है तो औसत 31 है। तो सबसे हल्के का वजन क्या है?

- (A) 30 (B) 31 (C) 32 (D) 33 (E) 34

0:30

Q.30 :- A chemist has 10L of a solution that is 10% nitric acid by volume. He wants to dilute the solution to 4% strength by adding water. How many liters of water must be add?

एक रसायनज्ञ के पास 10 लीटर घोल है जो मात्रा के हिसाब से 10% नाइट्रिक एसिड है। वह पानी मिलाकर घोल को 4% ताकत तक पतला करना चाहता है। कितने लीटर पानी डालना चाहिए?

- (A)40 (B) 33 (C)25 (D)15 (E) 20

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. $x^2 - 3x + 2 = 0$

II. $2y^2 + 3y - 2 = 0$

Q.32 :- I. $2x^2 - 5x - 3 = 0$

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

Q.33 :- I. $x^2 + 9x + 14 = 0$

II. $2y^2 - 10y + 12 = 0$

Q.34 :- I. $x^2 - 2x - 35 = 0$

II. $y^2 - 12y + 32 = 0$

Q.35 :- I. $x^2 + 10x + 21 = 0$

II. $y^2 - 2y - 8 = 0$



THANKS

