



MATHS



- APPROXIMATION
- NUMBER SERIES
- QUADRATIC EQUATION
- WORD PROBLEM

तैयारी TOPPERS वाली

LIVE | 11:30 AM

By Shubham Mahendras





UPCOMING ONLINE BATCHES

October 2022

12 OCT 2022

10:30 AM to 12:30 PM

BANK ONLINE LIVE CLASS

07:30 PM to 09:30 PM

SSC ONLINE LIVE CLASS

BILINGUAL

19 OCT 2022

03:00 PM to 05:00 PM

BANK ONLINE LIVE CLASS

10:30 AM to 12:30 PM

SSC ONLINE LIVE CLASS

BILINGUAL

26 OCT 2022

08:00 AM to 10:00 AM

BANK ONLINE LIVE CLASS

05:30 PM to 07:30 PM

SSC ONLINE LIVE CLASS

BILINGUAL

12 OCT 2022

04:15 PM to 06:15 PM

BANK ONLINE LIVE CLASS

BENGALI+ENGLISH

08:30 PM to 09:30 PM

CCC ONLINE COURSE

BILINGUAL

19 OCT 2022

06:00 PM to 07:00 PM

CCC ONLINE COURSE

BILINGUAL

26 OCT 2022

06:30 PM to 08:30 PM

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BENGALI+ENGLISH



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Mohit.. 10 hours ago

Thank-you Sir for this very Amazing and Wonderful Class Session of today's.. 🙏🙏🙏

And

My Answer for today's homework is-

Option C == 25.

700

Thank-you So Much, Sir Ji.. 🙏🙏🙏



Niharika Jha 8 hours ago

Thank you for the amazing session 😊

Homework answer 25 days..

Option se kiya sir...



Priya Bharati 9 hours ago

H. W answer -25 (option C)

Nd thanks for the amazing session sir.



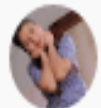
Disha Barui 9 hours ago

H.W. Ans. 25. It was a great session. Thank you Sir.



Surbhi Sinha 9 hours ago

Option ccccc ,, 25 thank you sir 🙏🙏🙏 fantastic session sir 🙏🙏🙏



Neha Singh 10 hours ago

Homework ans 25

Thanku sir nice session



Monojit 8 hours ago

25days.



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



$$5376 \div 24 + 100 = x^2$$



- A.8
- B.18
- C.19
- D.28
- E.NOT



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

$$(1/8 \text{ of } 2320) + (5^2 + 7^2) = x^2 - 36$$



A.20

B.15

C.13

D.17

E.18



What will come in the place of the question mark '?' in the following question?



$$30\% \text{ of } 50 + 16.66\% \times 48 - 20 + 13\% \text{ of } 200 = ?$$



- A.29
- B.39
- C.25
- D.33
- E.NOT



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



$$15^2 + 11^2 - 18^2 + 6^3 = ?$$



- A.240
- B.238
- C.258
- D.242
- E.NOT



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



$$78 + 85 - 30\% \text{ of } 200 + (8 \times 5) = ?$$



- A.141
- B.151
- C.155
- D.143
- E.NOT



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



$$\left(\frac{3}{5}\right) \times \left(\frac{18}{15}\right) \div \left(\frac{9}{5}\right) + 60\% \text{ of } 20 = ?$$



A. $\frac{58}{5}$

B. $\frac{41}{3}$

C. $\frac{62}{5}$

D. $\frac{55}{7}$

E. NOT



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



$$841 \div 29 + 650 \div 5 + ? = 35\% \text{ of } 1600$$



A.401

B.301

C.501

D.101

E.251



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



$$208 \div 13 \times \sqrt{441} + (13)^2 = ?$$



- A.460
- B.505
- C.510
- D.516
- E.495



What approximate value should come in place of question mark?



$$840.95^{1/2} + 17.49 \times 28 - 4096^{1/3} = ?$$



- A.495
- B.475
- C.520
- D.535
- E.503



What approximate value should come in place of question mark?

$$(14.98\% \text{ of } 750 - 34 \times 4.03) = ?^{1/3} - 33$$



- A.1350
- B.1260
- C.1100
- D.1000
- E.1240





What approximate value should come in place of question mark?

$$324.995 \times 15.98 \div 4.002 + 36.88 = ?$$



- A.1300
- B.1230
- C.1440
- D.1380
- E.1340



What approximate value should come in place of question mark?

$$1164 \times 128 \div 8.008 + 969.007 = ?$$



- A.18800
- B.19000
- C.19600
- D.19200
- E.18600



What approximate value should come in place of question mark?

$$(25.03)^2 + (16.93)^2 - (13.06)^2 = ? + 72 \div 9$$



A.830

B.737

C.769

D.792

E.771



384, 377, 356, 321, ?, 209



A.328

B.384

C.284

D.272

E.NOT



3, 16, 45, 96, 175, ?



- A.290
- B.285
- C.288
- D.310
- E.NOT



3, 11, 29, 67, 145, ?



A.198

B.303

C.185

D.309

E.NOT



2, 12, 36, 80, 150, 252, ?



A.576

B.392

C.354

D.382

E.NOT



1, 5, 19, 81, 411, ?



- A.1651
- B.2884
- C.1792
- D.2473
- E.NOT





$$3x^2 - 13x + 14 = 0$$



$$2y^2 - 3y - 2 = 0$$

A. $X > Y$

B. $X < Y$

C. $X \geq Y$

D. $X \leq Y$

E. $X = Y$

or CND





$$x^2 - 36x + 324 = 0$$



$$y^2 - 42y + 441 = 0$$

A. $X > Y$

B. $X < Y$

C. $X \geq Y$

D. $X \leq Y$

E. $X = Y$

or CND





$$6x^2 - 43x + 72 = 0$$



$$12y^2 - 61y + 70 = 0$$

A. $X > Y$

B. $X < Y$

C. $X \geq Y$

D. $X \leq Y$

E. $X = Y$

or CND





$$16x^2 - 32x + 15 = 0$$



$$16y^2 - 48y + 35 = 0$$

A. $X > Y$

B. $X < Y$

C. $X \geq Y$

D. $X \leq Y$

E. $X = Y$

or CND



$$x^2 - 0.5x - 39 = 0$$



$$y^2 - 16y + 60 = 0$$

A. $X > Y$

B. $X < Y$

C. $X \geq Y$

D. $X \leq Y$

E. $X = Y$

or CND



The ratio of the number of males and females in a group is 6 : 7. Fifteen females leave the group. As a result, this ratio becomes 12 : 11. Now, if 6 males join the group, then what will be the ratio of the number of males and females in the group?

एक समूह में पुरुषों और महिलाओं की संख्या का अनुपात 6:7 है। पंद्रह महिलाएं समूह छोड़ देती हैं। परिणामस्वरूप, यह अनुपात 12 : 11 हो जाता है। अब, यदि 6 पुरुष समूह में शामिल हो जाते हैं, तो समूह में पुरुषों और महिलाओं की संख्या का अनुपात क्या होगा?



- A.3:2
- B.6:5
- C.4:3
- D.5:4
- E.NOT



In an examination, 40% of the students who appeared were boys and rest were girls. The pass percentage of the boys was 60% and overall pass percentage was 56%. What was the pass percentage of the girls?



एक परीक्षा में, उपस्थित होने वाले छात्रों में से 40% लड़के थे और शेष लड़कियां थीं। लड़कों का उत्तीर्ण प्रतिशत 60% और कुल उत्तीर्ण प्रतिशत 56% था। लड़कियों का पास प्रतिशत कितना था?



- A. $54 \frac{2}{3}$
- B. $54 \frac{1}{3}$
- C. $52 \frac{2}{3}$
- D. $53 \frac{1}{3}$
- E. NOT





The average of a few numbers is 48. If 75% of the numbers are increased by 4 each and the rest are decreased by 6 each, then what is the average of the numbers, so obtained?

कुछ संख्याओं का औसत 48 है। यदि 75% संख्याओं में से प्रत्येक में 4 की वृद्धि की जाती है और शेष में प्रत्येक में 6 की कमी की जाती है, तो प्राप्त संख्याओं का औसत क्या है?



- A. 53
- B. 49
- C. 49.5
- D. 46
- E. NOT



The ratio of spirit and water in solutions in vessels A and B are 3 : 4 and 5: 9, respectively. The contents of A and B are mixed in the ratio 2 : 3. What is the ratio of water and spirit in the resulting solution?

बर्तन A और B के घोल में स्पिरिट और पानी का अनुपात क्रमशः 3:4 और 5:9 है। A और B की सामग्री को 2:3 के अनुपात में मिलाया जाता है। परिणामी घोल में पानी और स्पिरिट का अनुपात क्या है?



- A. 43 : 27
- B. 39 : 16
- C. 8 : 13
- D. 1 : 3
- E. NOT



A and B can complete a work in 20 days and 30 days respectively. A works full time but B works half time. In how many days the entire work is to be completed?



A और B एक काम को क्रमशः 20 दिन और 30 दिन में पूरा कर सकते हैं। A पूरे समय काम करता है लेकिन B आधा समय काम करता है। पूरे कार्य को कितने दिनों में पूरा करना है?



- A.9 days
- B.15 days
- C.12 days
- D.10 days
- E.NOT



Two pipes can fill a tank in 20 and 24 min respectively and a third pipe empty it 7 liter/min. If all three pipes can fill it in 15 min then find the capacity of the tank?

दो पाइप एक टैंक को क्रमशः 20 और 24 मिनट में भर सकते हैं और तीसरा पाइप इसे 7 लीटर/मिनट में खाली कर सकता है। यदि तीनों पाइप इसे 15 मिनट में भर सकते हैं तो टैंक की क्षमता ज्ञात कीजिए?



- A.120
- B.280
- C.210
- D.300
- E.NOT



The ratio of incomes of A and B is 3 : 8 and the ratio of their savings is 9 : 25. If the income of A equals the expenditure of B, then the ratio of expenditures of A and B is ?

A और B की आय का अनुपात 3 : 8 है और उनकी बचत का अनुपात 9 : 25 है। यदि A की आय B के व्यय के बराबर है, तो A और B के व्यय का अनुपात है?



- A. 3:8
- B. 6:17
- C. 5:12
- D. 7:31
- E. NOT

