





Mahendra's

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Mahendra's



RBI ASSISTANT 2021-22

MATHS

35 / 35

**TOP 30 MOST
EXPECTED PAPERS**

LIVE

PAPER-5 09:00 AM



Class Time :- 9:00 AM



UPCOMING ONLINE BATCHES

February 2022

02 Feb 2022

08:00 AM to 10:00 AM

BANK ONLINE LIVE CLASS

05:30 PM to 07:30 PM

BANK ONLINE LIVE CLASS

01:00 PM to 03:00 PM

SSC ONLINE LIVE CLASS

10:30 AM to 12:30 PM

SSC ONLINE LIVE CLASS**BILINGUAL****09 Feb 2022**

10:30 AM to 12:30 PM

BANK ONLINE LIVE CLASS

03:00 PM to 05:00 PM

BANK ONLINE LIVE CLASS

05:30 PM to 07:30 PM

SSC ONLINE LIVE CLASS**BILINGUAL**

08:00 AM to 10:00 AM

**SSC ONLINE LIVE CLASS
(SSC CGL & CHSL)****ENGLISH MEDIUM****16 Feb 2022**

01:00 PM to 03:00 PM

BANK ONLINE LIVE CLASS

08:00 AM to 10:00 AM

BANK ONLINE LIVE CLASS

07:30 PM to 09:30 PM

SSC ONLINE LIVE CLASS

03:00 PM to 05:00 PM

SSC ONLINE LIVE CLASS**BILINGUAL****23 Feb 2022**

10:30 AM to 12:30 PM

BANK ONLINE LIVE CLASS

08:00 AM to 10:00 AM

SSC ONLINE LIVE CLASS

01:00 PM to 03:00 PM

SSC ONLINE LIVE CLASS**BILINGUAL**

07:30 PM to 09:30 PM

**BANK ONLINE LIVE CLASS
(BANK PO & CLERK)****ENGLISH MEDIUM**

Rohan invested Rs 20000 at the rate of 20%. For first year the interest is compounded on the basis of halfyearly and in second year it is compounded annually. At the end of second year what is the total interest accrued ?

रोहन ने 20000 रुपये 20% की दर से निवेश किया। पहले वर्ष के लिए ब्याज अर्धवार्षिक के आधार पर और दूसरे वर्ष में इसे वार्षिक रूप से संयोजित किया जाता है। दूसरे वर्ष के अंत में अर्जित कुल ब्याज कितना है?

(A)Rs. 8800

(B)Rs. 9040


(C)Rs.8040

(D)Rs.9800


(E)Rs. 9500



0:30

 **AAYUSH SRIVASTAVA** 21 hours ago
THANK YOU VERY MUCH SIR FOR THIS WONDERFUL SESSION

👍 🗨️ REPLY

 **Shivam Tiwari** 16 hours ago
Homework Answer ---
9040 (Option B)
Awesome Session Sir 🙌🙌🙌


👍 2 🗨️ REPLY

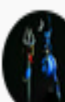
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 **jagruti herambha** 20 hours ago
Homework ans
Option (B) 9040
Thank you so much sir for amazing session 🙌🙌

👍 🗨️ REPLY


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 **Palak Shukla** 21 hours ago
Homework answer---
9040 , Option B
Thankyou sir 🙌🙌

 **Sarita** 12 hours ago
Homework answer
Option B (9040)
Today nice session sir
Thank you so much sir 🙌🙌🙌🙌🙌


👍 🗨️ REPLY

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 **Hiral tiwari** 13 hours ago
9040(B)
Thank you so much sir 🙌🙌🙌


👍 1 🗨️ REPLY

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 **Bhavika Goyal** 21 hours ago
Homework answer - option (B) 9040 .
Thank you sir 🙌🙌


👍 🗨️ REPLY

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 **Juhi Agarwal** 21 hours ago
Homework ans 9040
Thank you sir, Nice session 🙌🙌


👍 🗨️ REPLY

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 **Mohit..** 21 hours ago
Thank-you Sir for today's Amazing class..
And
My answer for today's homework is-
Option B- 9040....
Read more


👍 🗨️ REPLY


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 **AAYUSH SRIVASTAVA** 21 hours ago
HOMEWORK QUESTION- (B): RS 9040

👍 🗨️ REPLY


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 **shubhangi mishra** 14 hours ago (edited)
H.w ans. 9040
Thank you sir

 **Priya Tiwari** 21 hours ago
Sir class timing bta dijiye pls


👍 🗨️ REPLY

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 **Nitika Gupta** 21 hours ago
Homework
9040

👍 🗨️ REPLY

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 **Prakash Dwivedi** 10 hours ago
ANS-B

👍 🗨️ REPLY

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Rahul Kumar Upadhyay 10 hours ago

Today home work will be

Option no Bbbbbbb 9040

Today is very nice session sir

Thank you so much dear sir ji 🙏🙏🙏🙏🙏🙏🙏🙏🙏🙏🙏🙏🙏🙏🙏🙏🙏🙏🙏🙏🙏🙏🙏🙏

👍 🗨️ REPLY

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Janardhana Gupta 21 hours ago

Option B 9040 is the answer for HomeWork question

👍 🗨️ REPLY

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Dron patodia 20 hours ago

Homework questions ans is : 9040

👍 🗨️ REPLY

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ruma rajwar 19 hours ago

home work ans:9040

option B

👍 🗨️ REPLY



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): Read the data carefully and answer the questions. Table given below shows marks obtained by four students in four different subjects in an exam. Study the data carefully and answer the following questions.

डेटा को ध्यान से पढ़ें और प्रश्नों के उत्तर दें। नीचे दी गई तालिका चार छात्रों द्वारा एक परीक्षा में चार अलग-अलग विषयों में प्राप्त अंकों को दर्शाती है। डेटा का ध्यानपूर्वक अध्ययन करें और निम्नलिखित प्रश्नों के उत्तर दें।



SUBJECTS STUDENTS	ENGLISH	HINDI	SCIENCE	MATHS
PAUL	65	60	80	65
ADITYA	75	75	60	75
NEERAJ	85	55	95	85
SANDY	60	60	65	60

16. Marks scored by Sandy in English and Maths together is what percent of the Marks scored by Aditya and Neeraj in English together?

सैंडी द्वारा अंग्रेजी और गणित में प्राप्त अंक मिलाकर प्राप्त किए गए अंकों का कितना प्रतिशत है आदित्य और नीरज द्वारा अंग्रेजी में एक साथ?

(A)25%

(B)50%

(C)75%

(D)100%

(E)125%

0:30

SUBJECTS STUDENTS	ENGLISH	HINDI	SCIENCE	MATHS
PAUL	65	60	80	65
ADITYA	75	75	60	75
NEERAJ	85	55	95	85
SANDY	60	60	65	60

17. Find the ratio of total marks scored by all four students together in Hindi to total marks scored by all four students together in Science?

सभी चार छात्रों द्वारा एक साथ हिंदी में प्राप्त किए गए कुल अंकों का विज्ञान में सभी चार छात्रों द्वारा प्राप्त कुल अंकों से अनुपात ज्ञात कीजिए?

(A)5:6

(B)57:50

(C)1:1

(D)6:5

(E)20:19



SUBJECTS STUDENTS	ENGLISH	HINDI	SCIENCE	MATHS
PAUL	65	60	80	65
ADITYA	75	75	60	75
NEERAJ	85	55	95	85
SANDY	60	60	65	60

18. Total marks scored by Paul are how much more/less than total marks scored by Neeraj?
पाल द्वारा प्राप्त कुल अंक नीरज द्वारा प्राप्त कुल अंकों से कितने अधिक/कम हैं?

(A)70

(B)40

(C)50

(D)80

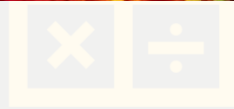
(E)60



SUBJECTS STUDENTS	ENGLISH	HINDI	SCIENCE	MATHS
PAUL	65	60	80	65
ADITYA	75	75	60	75
NEERAJ	85	55	95	85
SANDY	60	60	65	60

19. Find the average of the marks scored by Aditya in English, Hindi and Science together?
आदित्य द्वारा अंग्रेजी, हिंदी और विज्ञान में मिलाकर प्राप्त अंकों का औसत ज्ञात कीजिए?

- (A)65 (B)80 (C)85 (D)75 (E)70



SUBJECTS STUDENTS	ENGLISH	HINDI	SCIENCE	MATHS
PAUL	65	60	80	65
ADITYA	75	75	60	75
NEERAJ	85	55	95	85
SANDY	60	60	65	60

20. If maximum marks for each subject are 100 then find what percentage of total marks is obtained by Sandy?

यदि प्रत्येक विषय के लिए अधिकतम अंक 100 हैं, तो सैंडी द्वारा प्राप्त कुल अंकों का कितना प्रतिशत है?

(A)64.25%

(B)67.25%

(C)73.25%

(D)61.25%

(E)70.25%



SUBJECTS STUDENTS	ENGLISH	HINDI	SCIENCE	MATHS
PAUL	65	60	80	65
ADITYA	75	75	60	75
NEERAJ	85	55	95	85
SANDY	60	60	65	60

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



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



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



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

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. $x^2 + 9x + 14 = 0$

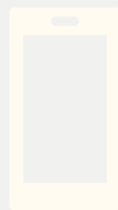
II. $2y^2 - 10y + 12 = 0$

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

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

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

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



Q.27 :- Find the compound interest on a principal amount of Rs.5000 after 2 years, if the rate of interest for the 1st year is 2% and for the 2nd year is 4%.

2 वर्ष के बाद 5000 रुपये की मूल राशि पर चक्रवृद्धि ब्याज ज्ञात कीजिए, यदि पहले वर्ष के लिए ब्याज दर 2% है और दूसरे वर्ष के लिए 4% है।

(A)304

(B)314

(C)324

(D)334

(E) None of these

0:30

Q.28:- A man sells a TV at a profit of 25% of the cost, had he sold it at a profit of 25% of the selling price, his profit would have been 750 Rs more. The cost of the TV is

एक आदमी एक टीवी को लागत के 25% के लाभ पर बेचता है, यदि वह इसे बिक्री मूल्य के 25% के लाभ पर बेचता तो उसका लाभ 750 रुपये अधिक होता टीवी की लागत है

- (A)800 (B)900 (C)1000 (D)700 (E) None of these

0:30

Q.29 :- P and Q can weave a mat in 12 days, Q and R together do it in 15 days. If P is twice as good a workman as R, Find in what time Q will do it alone.

P और Q एक चटाई को 12 दिनों में बन सकते हैं, Q और R मिलकर इसे 15 दिनों में करते हैं। यदि P, R से दोगना अच्छा काम करने वाला है, तो ज्ञात कीजिए कि Q अकेले कितने समय में इसे पूरा करेगा।

- (A)20 (B)25 (C)30 (D)60 (E) None of these

0:30

Q.30 :- An ore contains 40% mass impurity, while the metal extracted from this ore is 4% impure. How much metal will 24 tons of the ore yield.

एक अयस्क में 40% द्रव्यमान अशुद्धता होती है, जबकि इस अयस्क से निकाली गई धातु 4% अशुद्ध होती है। 24 टन अयस्क से कितनी धातु निकलेगी।

- (A) 15 tons (B) 16 tons (C) 17 tons (D) 18 tons (E) None of these

0:30