





 **SBI / IBPS PO 2021** 

Maths

**LIVE MOCK
DISCUSSION**



DAY - 18

9:00 AM

Class Time :- 9:00 AM



UPCOMING ONLINE BATCHES



November 2021

17 Nov 2021**01:00 PM to 3:00 PM****IBPS SO PRE CRASH COURSE**
(BANK-SO)**08:00 AM to 10:00 AM****LIVE PREMIUM GREEN CARD**
(BANK-PO & CLERK)**05:30 PM to 07:30 PM****LIVE PREMIUM GREEN CARD**
(BANK-PO & CLERK)**10:30 AM to 12:30 PM****LIVE PREMIUM SILVER CARD**
(SSC CGL & CHSL)**BILINGUAL****24 Nov 2021****10:30 AM to 12:30 PM****LIVE PREMIUM GREEN CARD**
(BANK-PO & CLERK)**07:30 PM to 09:30 PM****LIVE PREMIUM GREEN CARD**
(BANK-PO & CLERK)**03:00 PM to 5:00 PM****LIVE PREMIUM SILVER CARD**
(SSC CGL & CHSL)**BILINGUAL**www.mahendras.org



AAYUSH SRIVASTAVA 10 hours ago



HOMEWORK ANSWER- (E): NONE OF THESE
THE ANSWER WILL BE $16+19=35$

  REPLY



punit pandey 10 hours ago

I think 34 is the answers
Max ka condition rha $14 + 5 + 1 = 20$ nd
Min. Ka condition hai $2 + 5 + 7 = 14$, so total I think 34

 1  REPLY

[View reply](#)



Rityaj Seth 10 hours ago

$\text{Max}(20) + \text{min}(14) = 34$

  REPLY





Palak Shukla 10 hours ago (edited)

Homework answer—
31

Minimum chocolate —
 $14(5\text{rupees}) + 5(6\text{rupees}) + 1(10\text{rupees})...$



[Read more](#)

  REPLY



Gita Roy 8 hours ago



Homework answer-e) none of these

  REPLY



Neha Singh 10 hours ago


Good morning sir

  REPLY



Rityaj Seth 10 hours ago



None Of These

  REPLY



Susobhan De 5 hours ago (edited)

34, i.e, not

  REPLY

Q.17 :- Ramu has 3 different kinds of chocolates costing Rs 5, Rs 6 and Rs 10. He spends a total Rs. 110 on the chocolates. Find the sum of minimum and maximum chocolate he can buy with one condition that he must buy from all varieties?

रामू के पास 3 अलग-अलग प्रकार की चॉकलेट हैं, जिनकी कीमत 5 रुपये, 6 रुपये और 10 रुपये है। वह कुल 110 रुपये चॉकलेट पर खर्च करता है। वह एक शर्त के साथ न्यूनतम और अधिकतम चॉकलेट खरीद सकता है कि उसे सभी किस्मों से खरीदना चाहिए?

- (A)30 (B)31 (C)33 (D)36 (E)None of these



Q.18 :- A container contains 40 liters of milk. From this container 4 liters of milk was taken out and replaced by water. This process was repeated further two times. How much milk is now contained by the container?

एक कंटेनर में 40 लीटर दूध है। इस कंटेनर से 4 लीटर दूध निकाला गया और उसके स्थान पर पानी डाला गया। इस प्रक्रिया को आगे दो बार दोहराया गया। कंटेनर में अब कितना दूध है?

(A) 29.16 ltr

(B) 25.5 ltr

(C) 39.16 ltr

(D) 31.16 ltr

(E) None of these

0:30

Q.19 :- The simple interest accrued on a sum of certain principal is Rs. 14400 in six years at rate of 12% per annum. What will be the compound interest on the same sum in two years at 5% per annum.

कुछ मूलधन की राशि पर अर्जित साधारण ब्याज रु. 14400 छह वर्षों में 12% प्रति वर्ष की दर से। समान राशि पर 5% प्रतिवर्ष की दर से दो वर्षों में चक्रवृद्धि ब्याज कितना होगा?

(A)1025

(B)2050

(C)4100

(D)3250

(E)1850

0:30

Q.20 :- A can do 20% part of a work in 8 days, B works 30% part of the same work in 12 days and C works 40% part of that work in 18 days. If B and C's 1-day wage difference is Rs 12, then what will be the wage of A on working 35 days?

A किसी कार्य का 20% भाग 8 दिनों में, B उसी कार्य का 30% भाग 12 दिनों में तथा C उस कार्य का 40% भाग 18 दिनों में कार्य करता है। यदि B और C के 1 दिन के वेतन का अंतर 12 रुपये है, तो 35 दिन काम करने पर A का वेतन कितना होगा?

(A)1080

(B)3500

(C)3780

(D)7000

(E)None of these

0:30

Q.21 :- X, Y and Z were sharing profits in the ratio of 3: 4: 5. Y declined to receive the profit so X and Z decide to share profits in the ratio of 1: 2. Find the ratio of the increment in the profit of X and Z.

एक्स, वाई और जेड 3: 4: 5 के अनुपात में लाभ साझा कर रहे थे। वाई ने लाभ प्राप्त करने से इनकार कर दिया, इसलिए एक्स और जेड ने 1: 2 के अनुपात में लाभ साझा करने का फैसला किया। के लाभ में वृद्धि का अनुपात ज्ञात कीजिए। एक्स और जेड।

- (A)2:3 (B)1: 2 (C)1 : 3 (D)3: 2 (E)None of these



Q.22 :-Manish bought 25 kg. sugar at Rs.32 per kg. and 15 kg. of sugar at Rs.36 per kg. What profit % did he get when he mixed the two varieties together and sold it as Rs.40.20 per kg?

मनीष ने 25 किलो खरीदा। चीनी 32 रुपये प्रति किलो। और 15 किग्रा. चीनी का 36 रुपये प्रति किलो। जब उसने दोनों किस्मों को एक साथ मिलाया और इसे 40.20 रुपये प्रति किलो के हिसाब से बेचा तो उसे कितना लाभ% प्राप्त हुआ?

(A)15%

(B)10%

(C) 20%

(D)25%

(E)16 2/3%

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. $x^2 - 14x + 48 = 0$

II. $y^2 + 6 = 5y$

Q.32 :- I. $2x + 3y = 14$

II. $4x + 2y = 16$

Q.33 :- I. $x^2 + 9x + 20 = 0$

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

Q.34 :- I. $x^2 - 1 = 0$

II. $y^2 + 4y + 3 = 0$

Q.35 :- I. $x^2 = 529$

II. $y = \sqrt{529}$

PDF



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

$$3333.33 + 333.333 + 33.3333 + 3.33 = ?$$

(A) 3370.2363

(B) 3730.2363

(C) 3702.3363

(D) 3730.3263

(E) None of these



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

$$96^2 + 63^2 = ?^2 - 111^2 - 8350$$

- (A) 186 (B) 184 (C) 188 (D) 182 (E) None of these



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

$$374 \div 17 + 224 \times 0.5 - 45\% \text{ of } 160 = ?$$

- (A) 52 (B) 72 (C) 62 (D) 82 (E) None of these



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

$$4900 \div 98 \times 28 - 54 \times 32 = ?$$

- (A) 228 (B) 328 (C) -328 (D) -228 (E) None of these



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

$$82\% \text{ of } 17850 + 42\% \text{ of } 8345 = ? - 80\% \text{ of } 945$$

(A) 18382.9

(B) 17867.9

(C) 18897.9

(D) 14788.9

(E) None of these



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

11 . 13 , 14 , 30 , 111 , 367 , ?

(A)990

(B)989

(C)994

(D)992

(E)None of these



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

12. 43 , 97 , 205 , 421 , 853 , ?

(A)1717

(B)1719

(C)1729

(D)1715

(E)None of these



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

13 . 337 , 344 , 363 , 402 , 469 , ?

(A)570

(B)572

(C)573

(D)574

(E)None of these



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

14 . 84 , 92 , 101 , 165 , 190 , ?

(A)401

(B)406

(C)410

(D)411

(E)None of these



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

15 . 1 , 65 , 165 , 309 , ? , 761

(A) 515

(B) 510

(C) 501

(D) 505

(E) None of these



Directions (Q. 6-10):- Direction for Question

Study the following table carefully and answers the following questions carefully

प्रश्न के लिए निर्देश निम्नलिखित तालिका का ध्यानपूर्वक अध्ययन करें और निम्नलिखित प्रश्नों के उत्तर ध्यानपूर्वक दें

Name of item	Cost price	Profit %	Markup %	Selling price
Wheat	800	-	20	-
Rice	-	-	-	600
Oil	160	-	-	192

Q.6 :- What percentage of profit earn by the shopkeeper on oil?

दुकानदार द्वारा तेल पर अर्जित लाभ का कितना प्रतिशत?

(A)15%

(B)25%

(C) 20%

(D)18% (E)None of these

0:30

Name of item	Cost price	Profit %	Markup %	Selling price
Wheat	800	-	20	-
Rice	-	-	-	600
Oil	160	-	-	192

Q.7 :- If shopkeeper allowed 10% discount on mark price of Wheat then what is the selling price of the Wheat?

यदि दुकानदार ने गेहूं के अंकित मूल्य पर 10% की छूट दी, तो गेहूं का विक्रय मूल्य क्या है?

(A)875

(B)864

(C) 892

(D)882

(E)None of these

0:30

Name of item	Cost price	Profit %	Markup %	Selling price
Wheat	800	-	20	-
Rice	-	-	-	600
Oil	160	-	-	192

Q.8 :- If shopkeeper earns 5% profit on Wheat then what percent discount allowed by shop keeper?

यदि दुकानदार गेहूं पर 5% लाभ अर्जित करता है तो दुकानदार द्वारा कितने प्रतिशत छूट की अनुमति है?

(A) 12.5%

(B) 15%

(C) 18%

(D) 10%

(E) None of these

0:30

Name of item	Cost price	Profit %	Markup %	Selling price
Wheat	800	-	20	-
Rice	-	-	-	600
Oil	160	-	-	192

Q.9 :- The shopkeeper markup 50% on rice and after selling at x% discount he earned 20% profit. Find the value of x.

दुकानदार चावल पर 50% मार्कअप करता है और x% छूट पर बेचने के बाद उसे 20% का लाभ होता है। एक्स का मान ज्ञात करें।

(A) 12.5

(B) 20

(C) 25

(D) 33.33

(E) 11.11

0:30

Name of item	Cost price	Profit %	Markup %	Selling price
Wheat	800	-	20	-
Rice	-	-	-	600
Oil	160	-	-	192

Q.10 :- If shopkeeper Face 20% loss on Rice then what is cost price of the Rice?

यदि दुकानदार को चावल पर 20% की हानि होती है, तो चावल का क्रय मूल्य क्या है?

(A)750

(B)580

(C)700

(D)620

(E)None of these

0:30

Name of item	Cost price	Profit %	Markup %	Selling price
Wheat	800	-	20	-
Rice	-	-	-	600
Oil	160	-	-	192

THANKS

