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Q.1 एक महिला को मंदिर तक पैदल जाने और वहाँ से सवारी से वापस आने में 3 घंटे 20 मिनट का समय लगता है। यदि वह दोनों ओर के लिए सवारी का प्रयोग करती, तो उसे 2 घंटे कम समय लगता। यदि वह दोनों ओर पैदल चलती तो उसके द्वारा लिए जाने वाले समय का आधा समय कितना होता?

Ans

- 1. 2 घंटे 40 मिनट
- 2. 3 घंटे 10 मिनट
- 3. 2 घंटे 50 मिनट
- 4. 3 घंटे 20 मिनट

Question ID : 8161616585

Status : Not Answered

Chosen Option : --

- Q.2** A person spends 22% of the monthly income on house rent, 40% of the income on house expenses and groceries, and 50% of the remaining on children's education and other heads. If the monthly savings are ₹3,800, then what is the expenditure (in ₹) on education and other heads?

Ans 1. 5,600
 2. 3,800
 3. 2,700
 4. 1,900

Question ID : 8161616579

Status : Answered

Chosen Option : 2

- Q.3** एक गाय 25 m लंबी भुजा वाले एक वर्गाकार घास के मैदान के एक कोने में खेट से बंधी है। रस्सी की लंबाई 14 m है। मैदान के उस भाग का क्षेत्रफल (m^2 में) बताइए जिसमें गाय घास चर सकती है? ($\pi = \frac{22}{7}$ का प्रयोग कीजिए)

Ans 1. 100
 2. 77
 3. 142
 4. 154

Question ID : 8161616586

Status : Answered

Chosen Option : 4

- Q.4** The average monthly salary of five friends is ₹62,000. Surinder, one of the five friends, got promotion and a hike in the salary. If the new average of their salaries is ₹64,250, then how much is the increase in the monthly salary of Surinder?

Ans 1. ₹12,150
 2. ₹73,250
 3. ₹11,250
 4. ₹14,250

Question ID : 8161616576

Status : Answered

Chosen Option : 3

- Q.5** The product of two numbers is 9216. When the larger number is divided by the smaller number, the quotient is 16 leaving no remainder. What is the difference between the numbers?

Ans 1. 360
 2. 384
 3. 380
 4. 408

Question ID : 8161616574

Status : Answered

Chosen Option : 1

Q.6 If $(x+y-z) : (y-z+2w) : (2x+z-w) = 2 : 3 : 1$, then the ratio of $(5w - 3x - z) : 3w = ?$

- Ans 1. 4 : 3
 2. 2 : 3
 3. 5 : 3
 4. 5 : 2

Question ID : 8161616581

Status : Not Answered

Chosen Option : --

Q.7 दो छात्रों A और B को पुरस्कार राशि के रूप में कुल ₹4,400 का भुगतान किया गया। यदि A को, B को भुगतान की गयी राशि का 120 प्रतिशत भुगतान किया गया, तो B को कितनी राशि (₹ में) का भुगतान किया गया?

- Ans 1. 2,400
 2. 1,500
 3. 2,000
 4. 1,800

Question ID : 8161616578

Status : Answered

Chosen Option : 3

Q.8 How much be the multiplication of 0.529 and 2.01 is more by 1?

- Ans 1. 0.09326
 2. 0.06329
 3. 0.03269
 4. 0.02369

Question ID : 8161616575

Status : Answered

Chosen Option : 2

Q.9 किसी वस्तु पर प्राप्त लाभ उसकी लागत का 120% है। यदि उसकी लागत 25% बढ़ा दी जाये और विक्रय मूल्य को नियत रखा जाये, तो प्राप्त होने वाला लाभ विक्रय मूल्य का कितने प्रतिशत होगा (निकटतम पूर्णांक तक सही)?

- Ans 1. 51%
 2. 39%
 3. 43%
 4. 47%

Question ID : 8161616580

Status : Answered

Chosen Option : 3

Q.10 A can do a work in 40 days and B can do the same work in 50 days. They worked together for 5 days and then B left the work. In how many days will A finish the remaining work?

- Ans 1. 31
 2. 41
 3. 40
 4. 33

Question ID : 8161616584

Status : Answered

Chosen Option : 1

Q.11 A sum invested at 10% per annum amounts to ₹20,947.50 at the end of one year, when the interest is compounded half-yearly. What will be the simple interest (in ₹) on the same sum for $4\frac{2}{5}$ years at triple the earlier rate of interest?

- Ans 1. 26,500
 2. 27,000
 3. 24,020
 4. 25,080

Question ID : 8161616583

Status : Marked For Review

Chosen Option : 4

Q.12 After allowing three successive discounts of 15%, 20% and 18% on the marked price of an article, it is sold for ₹2,230.40. The marked price (in ₹) of the article is:

- Ans 1. 3,500
 2. 4,000
 3. 3,750
 4. 4,250

Question ID : 8161616577

Status : Marked For Review

Chosen Option : 4

Q.13 What is the least number which should be added to 3432 so that the sum is exactly divisible by 10, 5, 4 and 2?

- Ans 1. 8
 2. 5
 3. 10
 4. 6

Question ID : 8161616573

Status : Answered

Chosen Option : 1

Q.14 If the annual rate of simple interest increases from 9% to $13\frac{1}{2}\%$, then the yearly interest increases by ₹3,690. What is the principal (in ₹)?

- Ans 1. 82,000
 2. 88,000
 3. 85,000
 4. 80,000

Question ID : 8161616582

Status : Answered

Chosen Option : 1

Q.15 A solid piece of iron in the form of a cuboid of dimensions $24.5 \text{ cm} \times 16.5 \text{ cm} \times 12 \text{ cm}$, is melted to form a solid sphere.

What is the radius (in cm) of the sphere? (Use $\pi = \frac{22}{7}$)

- Ans 1. 12.5
 2. 8
 3. 10.5
 4. 11

Question ID : 8161616587

Status : Not Answered

Chosen Option : --

Q.1 In an election, the votes cast for two candidates are in the ratio 3 : 10. If all votes are valid votes and if the successful candidates received 156200 votes, then the total votes polled are:

- Ans 1. 179256
 2. 468600
 3. 203060
 4. 356200

Question ID : 6549782940

Status : Answered

Chosen Option : 3

Q.2 If the sum of the squares of two positive numbers is 2426 and the square root of one number is 7, then the other number is:

- Ans 1. 5
 2. 8
 3. 6
 4. 4

Question ID : 6549782933

Status : Answered

Chosen Option : 1

Q.3 Three articles are bought at ₹200 each. One of them is sold at a loss of 12.5%. If the other two articles are sold so as to gain 20% on the whole transaction, then what is the gain percentage on the two articles?

- Ans 1. 41.5%
 2. 36.25%
 3. 35%
 4. 39.75%

Question ID : 6549782939

Status : Answered

Chosen Option : 2

Q.4 If the radius of a circle is increased by 10%, then what is the percentage increase in its area?

- Ans 1. 21%
 2. 11%
 3. 10%
 4. 25%

Question ID : 6549782938

Status : Answered

Chosen Option : 1

Q.5 What is the least number which when divided by 12, 21 and 35 leaves the same remainder 2?

- Ans 1. 632
 2. 422
 3. 212
 4. 844

Question ID : 6549782932

Status : Answered

Chosen Option : 2

Q.6 A shopkeeper marks his goods at 20% above the cost price. He sells three-fourth of the goods at the marked price and the remaining at 30% discount on the marked price. What is his gain/loss percentage?

- Ans 1. Gain 11%
 2. Gain 9%
 3. Loss 11%
 4. Loss 9%

Question ID : 6549782936

Status : Answered

Chosen Option : 1

Q.7 The value of $\frac{5.75 + \frac{5}{7}}{\frac{3}{4} \text{ of } (15.8 - 3.4) + 5 \times 2.39}$ of $28 - 4.5$ is:

- Ans 1. 1
 2. -1
 3. 0
 4. $\frac{-1}{2}$

Question ID : 6549782934

Status : Answered

Chosen Option : 1

Q.8 The average of n numbers is 36. If each of 75% of the numbers is increased by 5 and each of the remaining numbers is decreased by 8, then the new average of the numbers is:

- Ans 1. 38.5
 2. 37.75
 3. 37
 4. 36.25

Question ID : 6549782935

Status : Answered

Chosen Option : 2

Q.9 A sum invested at 8% p.a. amounts to ₹20,280 at the end of one year; when the interest is compounded half yearly. What will be the compound interest (in ₹) on the same sum for 2 years if the interest rate is the same as earlier and interest is compounded annually?

Ans 1. 4,000

2. 3,120

3. 2,750

4. 3,260

Question ID : 6549782942

Status : Answered

Chosen Option : 2

Q.10 Due to 25% reduction in the price of sugar per kg, Radha is able to buy 10 kg more for ₹1,200. What is the original price of sugar per kg (in ₹)?

Ans 1. 35

2. 40

3. 45

4. 50

Question ID : 6549782937

Status : Answered

Chosen Option : 2

Q.11 A borrows a sum of ₹9,000 for 3 years at 5% simple interest. He lends it at simple interest to B at 7% for 3 years. What is his gain (in ₹)?

Ans 1. 700

2. 600

3. 540

4. 450

Question ID : 6549782941

Status : Answered

Chosen Option : 3

Q.12 What is the area of rhombus (in cm^2) whose side is 10 cm and the shorter diagonal is 12 cm?

Ans 1. 48

2. 96

3. 192

4. 60

Question ID : 6549782945

Status : Answered

Chosen Option : 2

Q.13 A is 5 times as good a workman as B and is therefore able to complete a job in 52 days less than B. In how many days will they complete it working together?

Ans

1. $12\frac{5}{6}$

2. $11\frac{5}{6}$

3. $10\frac{5}{6}$

4. $9\frac{5}{6}$

Question ID : 6549782943

Status : Answered

Chosen Option : 3

Q.14 The length of a rectangle is $\frac{2}{5}$ of the radius of a circle. The radius of the circle is equal to the side of a square whose area is 4900 m^2 . What is the area (in m^2) of the rectangle, if its breadth is 20 m?

Ans

1. 400

2. 1400

3. 560

4. 960

Question ID : 6549782946

Status : Answered

Chosen Option : 3

Q.15 A train covers 400 km at a uniform speed. If the speed had been 10 km/h more, it would have taken 2 hours less for the same journey. What is the speed of the train (in km/h)?

Ans

1. 25

2. 30

3. 35

4. 40

Question ID : 6549782944

Status : Answered

Chosen Option : 4

- Q.1** A shopkeeper bought 1000 kg of rice, a part of which was sold at a 10% profit and the remaining at a 20% loss; a loss of 11% was incurred on the whole transaction. What was the quantity (in kg) of rice that was sold at a 20% loss?

- Ans**
- 1. 700
 - 2. 600
 - 3. 500
 - 4. 300

Question ID : 4244291812

Status : Answered

Chosen Option : 1

- Q.2** 2 years ago, the average age of a family of 5 members was 18 years. After a new member is added to the family, the average age of the family is still the same. The present age of the newly added member, in years, is:

- Ans**
- 1. 10
 - 2. 5
 - 3. 8
 - 4. 6

Question ID : 4244291808

Status : Answered

Chosen Option : 3

Q.3 The length of a rectangular plot is 15 m more than its breadth. If the cost of fencing the plot at the rate of ₹16.50 per m is ₹4,950, then what is the length of the plot (in m)?

Ans 1. 60

2. 82.5

3. 75

4. 67.5

Question ID : 4244291818

Status : Answered

Chosen Option : 2

Q.4 The marked Price of an article is ₹5000. Three successive discounts of 15%, 10% and 18%, are given on its marked price. The selling price (in ₹) of the article is:

Ans 1. 3000

2. 3136.5

3. 3250

4. 3362.75

Question ID : 4244291809

Status : Answered

Chosen Option : 2

Q.5 The sum of two numbers is 26 and their difference is 14. If three times the larger number is divided by the smaller number, then the quotient is:

Ans 1. 12

2. 11

3. 10

4. 9

Question ID : 4244291806

Status : Answered

Chosen Option : 3

Q.6 The smallest number which when divided by 12, 10 and 11 leave remainders 11, 9 and 10, respectively, is:

Ans 1. 329

2. 659

3. 331

4. 661

Question ID : 4244291805

Status : Answered

Chosen Option : 2

Q.7 A man travelled the first part of his journey at 160 km/h and the second part at 240 km/h, and covered a total distance of 3840 km to his destination in 20 hours. How long, in hours, did the second part of his journey last?

Ans 1. 12

2. 15

3. 10

4. 8

Question ID : 4244291817

Status : Answered

Chosen Option : 4

Q.8 A can do a piece of work in 45 days. He works for 30 days and leaves. If B completes the remaining work in 5 days, then in how many days can B alone complete the entire work?

- Ans 1. 10
 2. 15
 3. 18
 4. 12

Question ID : 4244291816

Status : Answered

Chosen Option : 2

Q.9 If A's income is 35% more than B's income, then by what percentage is B's income less than A's income (correct to the nearest integer)?

- Ans 1. 35%
 2. 26%
 3. 19%
 4. 17%

Question ID : 4244291810

Status : Answered

Chosen Option : 2

Q.10 A tank full of petrol in a motorcycle lasts for 30 days. If a rider starts using 20% more petrol every day, then for how many days will the tank full of petrol last?

- Ans 1. 10
 2. 18
 3. 20
 4. 25

Question ID : 4244291811

Status : Answered

Chosen Option : 4

Q.11 A and B each borrowed equal sums for 3 years at a rate of 5% simple and compound interest compounded annually, respectively. At the time of payment, B had to pay ₹427 more than A. The sum borrowed and the interest paid by B (in ₹) were:

- Ans 1. ₹48,000; ₹7,566
 2. ₹56,000; ₹8,827
 3. ₹48,000; ₹7,200
 4. ₹56,000; ₹8,400

Question ID : 4244291814

Status : Answered

Chosen Option : 2

Q.12 An open cuboidal cistern is externally 1.6 m long, 1.3 m wide and 53 cm high. Its capacity is 900 litres and its walls are 5 cm thick. The thickness (in cm) of the bottom is:

- Ans 1. 5
 2. 2
 3. 3
 4. 4

Question ID : 4244291819

Status : Answered

Chosen Option : 3

Q.13 Which of the following fractions is the smallest?

$$\frac{11}{12}, \frac{13}{14}, \frac{12}{13}, \frac{15}{16}, \frac{19}{20}$$

- Ans 1. $\frac{13}{14}$
 2. $\frac{15}{16}$
 3. $\frac{19}{20}$
 4. $\frac{11}{12}$

Question ID : 4244291807

Status : Answered

Chosen Option : 4

Q.14 An amount of ₹43,892 is lent to each of two persons for 3 years. One at the rate of 30% simple interest and the other at the rate of 30% compound interest, compounded annually. By what percentage will the simple interest be less than the compound interest received in this 3-year duration (correct to one decimal place)?

- Ans 1. 23.8%
 2. 22.7%
 3. 25.7%
 4. 24.8%

Question ID : 4244291815

Status : Answered

Chosen Option : 3

Q.15 A vendor bought two varieties of tea, brand A and brand B, costing ₹15 per 100 g and ₹18 per 100 g, respectively, and mixed them in a certain ratio. Then, he sold the mixture at ₹20 per 100 g, making a profit of 20%. What was the ratio of brand A to brand B tea in the mixture?

- Ans 1. 1 : 2
 2. 3 : 4
 3. 2 : 3
 4. 4 : 5

Question ID : 4244291813

Status : Answered

Chosen Option : 4

Q.1 For a rectangular box, what is the product of the areas of the 3 adjacent faces that meet at a point?

Ans

-  1. $(\text{length} \times \text{breadth} \times \text{height})^2$
-  2. $\text{length} \times \text{breadth} + \text{breadth} \times \text{height} + \text{length} \times \text{height}$
-  3. $\text{length} \times \text{breadth} \times \text{height}$
-  4. $\text{length} + \text{breadth} + \text{height}$

Question ID : 8161616687

Status : Answered

Chosen Option : 1

Q.2 The greatest number that will divide 397, 435 and 5420 leaving 6, 10 and 14 as remainders, respectively, is:

- Ans 1. 19
 2. 15
 3. 21
 4. 17

Question ID : 8161616673

Status : Answered

Chosen Option : 4

Q.3 The simple interest (in ₹) on ₹8,000 for 6 years at the rate of 12 paise per rupee per month is:

- Ans 1. 3,875
 2. 6,750
 3. 5,760
 4. 2,875

Question ID : 8161616682

Status : Answered

Chosen Option : 3

Q.4 The value of $\frac{4}{5} \div \frac{3}{10}$ of $\frac{4}{9} - \frac{4}{5} \times 1\frac{1}{9} \div \frac{8}{15} - \frac{3}{4} + \frac{3}{4} \div \frac{1}{2}$ is:

- Ans 1. $\frac{31}{12}$
 2. $\frac{25}{12}$
 3. $\frac{51}{12}$
 4. $\frac{61}{12}$

Question ID : 8161616675

Status : Answered

Chosen Option : 4

Q.5 The total amount (in ₹) on ₹18,000 at 10% per annum for 1.5 years, compounded half-yearly, is:

- Ans 1. 20,837.25
 2. 23,708.25
 3. 28,730.25
 4. 27,803.25

Question ID : 8161616683

Status : Answered

Chosen Option : 1

Q.6 In an examination, Radha scored 20% of marks and failed by 10 marks. Seeta scored 30% of marks, which is 20 marks more than the pass mark. The total marks of the examination are:

- Ans 1. 500
 2. 250
 3. 300
 4. 350

Question ID : 8161616678

Status : Answered

Chosen Option : 3

Q.7 A fan is sold at a profit of 20%. If both the cost price and the selling price of the fan are decreased by ₹50, then the profit would be 5% more. The original cost price (in ₹) of the fan is:

- Ans 1. 275
 2. 300
 3. 200
 4. 250

Question ID : 8161616680

Status : Answered

Chosen Option : 4

Q.8 A batsman scored 114 runs, which included 5 boundaries and 9 sixes. What percentage of his total score did he make by running between the wickets?

- Ans 1. $37\frac{5}{57}$
 2. $35\frac{5}{57}$
 3. $31\frac{5}{57}$
 4. $33\frac{5}{57}$

Question ID : 8161616679

Status : Answered

Chosen Option : 2

Q.9 A, B and C can do a piece of work in 10, 12 and 15 days, respectively. In how many days can B do the work, if he is assisted by A and C together on alternate days?

- Ans 1. 4
 2. 5
 3. 3
 4. 6

Question ID : 8161616684

Status : Answered

Chosen Option : 4

Q.10 A shopkeeper gives 18% discount on the discounted price after giving an initial discount of 12% on the marked price of the washing machine. If the final sale price is ₹19,844, the marked price (in ₹) is:

- Ans 1. 25,000
 2. 30,000
 3. 27,500
 4. 22,500

Question ID : 8161616677

Status : Answered

Chosen Option : 3

Q.11 If a student distributes sweets in the ratio of $\frac{1}{2} : \frac{1}{3} : \frac{1}{4} : \frac{1}{5} : \frac{1}{7}$ among five of his friends A, B, C, D and E, then the total number(minimum) of sweets he should have is:

- Ans 1. 420
 2. 375
 3. 615
 4. 599

Question ID : 8161616681

Status : Answered

Chosen Option : 4

Q.12 A car driver covered a certain distance at some speed. If he had moved 10 km/h faster, than the usual speed he would have taken 55 minutes less. If he had moved 8 km/h slower than the usual speed, he would have taken 55 minutes more. What is the distance in km?

- Ans 1. 726
 2. 500
 3. 600
 4. 660

Question ID : 8161616685

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.13 If one-third of one-fourth of one-fifth of a number is 18, then three-tenth of that number is:

- Ans 1. 110
 2. 108
 3. 324
 4. 330

Question ID : 8161616674

Status : Answered

Chosen Option : 3

Q.14 When folded into two equal halves, a rectangular sheet had a perimeter of 36 cm for each part folded along one set of sides, and the same is 45 cm when folded along the other set of sides. The area (in cm^2) of the sheet is:

- Ans 1. 1296
 2. 324
 3. 180
 4. 162

Question ID : 8161616686

Status : Answered

Chosen Option : 4

Q.15 A family consists of grandparents, parents and two grandchildren. The average age of the grandparents is 69 years, that of the parents is 39 years, and that of the grandchildren is 9 years. What is the average age (in years) of the family?

- Ans 1. 41
 2. 39
 3. 35
 4. 37

Question ID : 8161616676

Status : Answered

Chosen Option : 2

Q.1 If the selling price is tripled, the profit becomes four times, then what is the profit percentage?

- Ans 1. 150%
 2. 200%
 3. 100%
 4. 225%

Question ID : 6549783039

Status : Answered

Chosen Option : 4

Q.2 The marked price of an article is ₹4,000. After giving three successive discounts of 20%, 25% and $x\%$, it is sold for ₹1,968. What is the value of x ?

- Ans 1. 12
 2. 20
 3. 18
 4. 15

Question ID : 6549783036

Status : Answered

Chosen Option : 1

Q.3 What amount of water (in ml) should be added to an 18 ml solution containing 50% acid, to convert it to a lotion containing 30% acid?

- Ans 1. 15
 2. 12
 3. 18
 4. 10

Question ID : 6549783038

Status : Answered

Chosen Option : 2

- Q.4** In a train, the ratio of the passengers in the second AC and those in the sleeper class is 3 : 5. The ratio of the fares of the second AC and sleeper class is 30 : 17. If the total amount collected from all the passengers is ₹8,750, then how much amount (in ₹) is collected from the sleeper class?

- Ans 1. 4,250
 2. 850
 3. 1,500
 4. 4,500

Question ID : 6549783040

Status : Answered

Chosen Option : 1

- Q.5** A person took a loan of ₹40,000 from a bank to purchase a refrigerator. He promised to make the payment after three years. The bank charges 10% per annum compound interest, compounded annually for the same. But suddenly the bank announces the rate of interest as 12% per annum for the last one year of the loan period. What extra amount (in ₹) does he have to pay due to this announcement of the new rate of interest?

- Ans 1. 968
 2. 975
 3. 1,000
 4. 950

Question ID : 6549783042

Status : Answered

Chosen Option : 3

- Q.6** Sita's marks were wrongly entered as 71 instead of 53. If the average marks calculated for the whole class increased by half, then the number of students in the class is:

- Ans 1. 40
 2. 42
 3. 36
 4. 32

Question ID : 6549783035

Status : Answered

Chosen Option : 3

- Q.7** In a factory, there are 40% technicians and 60% non-technicians. If 60% of the technicians and 40% of the non-technicians are permanent employees, then what is the percentage of workers who are permanent?

- Ans 1. 45%
 2. 52%
 3. 48%
 4. 50%

Question ID : 6549783037

Status : Answered

Chosen Option : 3

Q.8 If the compound interest compounded annually on a certain sum for 3 years at 20% per annum is ₹3,640, then what is the simple interest (in ₹) on the same sum for the same period and at the same rate of interest?

- Ans 1. 2,750
 2. 3,500
 3. 3,250
 4. 3,000

Question ID : 6549783041

Status : Answered

Chosen Option : 4

Q.9 The ratio of the speeds of a car, a train and a bus is 4 : 5 : 3. The average speed of the car, the bus and the train is 80 km/h. What is the average speed (in km/h) of the car and the bus?

- Ans 1. 80
 2. 70
 3. 60
 4. 90

Question ID : 6549783044

Status : Answered

Chosen Option : 2

Q.10 A, B and C can complete a work in 15 days, 20 days and 30 days, respectively. If they work together and earn ₹45,000, then what will be the share of C (in ₹)?

- Ans 1. 10,000
 2. 15,000
 3. 18,000
 4. 20,000

Question ID : 6549783043

Status : Answered

Chosen Option : 1

Q.11 A large solid cube is formed from the metal obtained by melting three small solid cubes of sides 6 cm, 8 cm and 10 cm, respectively. What is the total surface area (in cm^2) of the large cube?

- Ans 1. 576 cm^2
 2. 288 cm^2
 3. 1152 cm^2
 4. 864 cm^2

Question ID : 6549783046

Status : Answered

Chosen Option : 4

Q.12 Let x be a number such that $0.0007 \div x = 0.7$; then the value of x is:

- Ans 1. 0.0001
 2. 1
 3. 0.001
 4. 0.01

Question ID : 6549783034

Status : Answered

Chosen Option : 3

Q.13 The product of two numbers is 120 and the sum of their squares is 289. The difference between the numbers is:

- Ans 1. 9
 2. 5
 3. 11
 4. 7

Question ID : 6549783033

Status : Answered

Chosen Option : 4

Q.14 If the sum of two numbers is 55 and the HCF and LCM of these numbers are 5 and 140, respectively, then what is the sum of the reciprocals of the numbers?

- Ans 1. $\frac{11}{700}$
 2. $\frac{11}{140}$
 3. $\frac{5}{28}$
 4. $\frac{11}{28}$

Question ID : 6549783032

Status : Answered

Chosen Option : 4

Q.15 A rectangular field is to be fenced on three sides, leaving a side of 30 feet unfenced. If the area of the field is 690 sq. feet, then how many feet of fencing will be required?

- Ans 1. 65
 2. 76
 3. 80
 4. 72

Question ID : 6549783045

Status : Answered

Chosen Option : 2

Q.1 The ratio of the price of two bicycles was 7 : 8. Two years later, when the price of the first has risen by 30% and the price of the second increases by ₹1,500, then their prices are in the ratio 15 : 16. What is the original price of (in ₹) the second bicycle?

Ans

1. 8,103.25

2. 8,031.25

3. 7,013.25

4. 7,031.25

Question ID : 4244291913

Status : Not Answered

Chosen Option : --

Q.2 The difference between the selling prices with a discount of 32% and two successive discounts of 20% and 12% is ₹36.
What is the marked price (in ₹) of the article?

- Ans 1. 1,250
 2. 1,500
 3. 1,800
 4. 2,000

Question ID : 4244291909

Status : Not Answered

Chosen Option : --

Q.3 A group of men decided to do a work in 20 days, but five of them remained absent. If the rest of the group could complete the work in 24 days, then how many men were in the original group?

- Ans 1. 35
 2. 20
 3. 25
 4. 30

Question ID : 4244291916

Status : Answered

Chosen Option : 4

Q.4 What percentage of 4.5 kg is 18 gm?

- Ans 1. 0.04%
 2. 0.4%
 3. 4%
 4. 0.004%

Question ID : 4244291910

Status : Answered

Chosen Option : 4

Q.5 A medicine-capsule is in the shape of a cylinder of diameter 0.8 cm with two hemispheres stuck to each of its ends. The length of the entire capsule is 2 cm. What is the capacity (in cm^3) of the capsule? (correct to two decimal places)

(use $\pi = \frac{22}{7}$)

- Ans 1. 0.87
 2. 0.67
 3. 0.75
 4. 0.91

Question ID : 4244291919

Status : Not Answered

Chosen Option : --

Q.6 The length and breadth of a rectangular floor are 14.35 m and 11.55 m, respectively. How many minimum number of square tiles would be required to cover it completely?

- Ans 1. 1107
 2. 1435
 3. 1353
 4. 1271

Question ID : 4244291905

Status : Not Answered

Chosen Option : --

Q.7 The effective annual rate of interest corresponding to 12% per annum payable quarterly, is (correct to two decimal places):

- Ans 1. 13.25%
 2. 13.75%
 3. 12.55%
 4. 12.75%

Question ID : 4244291915

Status : Not Answered

Chosen Option : --

Q.8 A person invested ₹50,000, partly at 10% and the rest at 12% per annum at simple interest. At the end of two years, the total interest received was ₹11,640. How much is the first and the second part of the investment?

- Ans 1. ₹10,000; ₹40,000
 2. ₹20,000; ₹30,000
 3. ₹9,000; ₹41,000
 4. ₹31,000; ₹19,000

Question ID : 4244291914

Status : Answered

Chosen Option : 2

Q.9 A person travelled 120 km by steamer, 450 km by train and 60 km by horse. It took him 13 hours 30 minutes. If the speed of the train is 3 times that of the horse and 1.5 times that of the steamer, then what is the speed (in km/h) of the steamer?

- Ans 1. 30
 2. 60
 3. 20
 4. 40

Question ID : 4244291917

Status : Not Answered

Chosen Option : --

Q.10 The radii of two circles are 4 cm and 3 cm, respectively. What is the diameter (in cm) of the circle having an area equal to four times the sum of the areas of the two circles?

- Ans 1. 20
 2. 24
 3. 10
 4. 12

Question ID : 4244291918

Status : Not Answered

Chosen Option : --

Q.11 In a two-digit number, the unit's digit exceeds its ten's digit by 4. If the product of the given number and the sum of its digits is 370, then what is the number?

- Ans 1. 26
 2. 73
 3. 37
 4. 62

Question ID : 4244291906

Status : Not Answered

Chosen Option : --

Q.12 A library has an average of 502 visitors on Sundays, 475 on Saturdays and 340 on weekdays. What is the average number of visitors per day in a month of 30 days beginning with a Sunday?

- Ans 1. 362
 2. 400
 3. 385
 4. 391

Question ID : 4244291908

Status : Not Answered

Chosen Option : --

Q.13 What should be subtracted from $\left(3 \frac{1}{7} + 4 \frac{3}{7}\right) + \frac{7}{6}$ to make the number a whole number?

- Ans 1. $\frac{7}{42}$
 2. $\frac{17}{42}$
 3. $\frac{31}{42}$
 4. $\frac{11}{42}$

Question ID : 4244291907

Status : Not Answered

Chosen Option : --

Q.14 A person spends 75% of his monthly income. If his income increases by 50% and the expenditure increases by 80%, then what is the percentage increase/decrease in his monthly savings?

Ans 1. Decrease by 40%

2. Increase by 35%

3. Decrease by 15%

4. Increase by 25%

Question ID : **4244291911**

Status : **Not Answered**

Chosen Option : --

Q.15 Rohit marks his goods at 30% above the cost price, and allows 13.5% discount. If he sells an article for ₹1,012.05, then what is the cost price (in ₹) of the article?

Ans 1. 900

2. 1,000

3. 750

4. 800

Question ID : **4244291912**

Status : **Not Answered**

Chosen Option : --

Q.1 A sum of money was put at simple interest at a certain rate for 2 years. Had it been at 3% higher rate for 3 years, it would have fetched ₹72 more. If the sum is 80 times the rate of interest, then the rate per annum is:

Ans

- 1. 4%
- 2. 5%
- 3. 8%
- 4. 6%

Question ID : 6549783141

Status : Answered

Chosen Option : 4

Q.2 4 bells beep at an interval of 4, 12, 20 and 25 minutes. If they beep together at 8 a.m., then they will beep together again at:

- Ans 1. 1 p.m.
 2. 2 p.m.
 3. 12 noon
 4. 11 a.m.

Question ID : 6549783132

Status : Answered

Chosen Option : 1

Q.3 A cistern, 8 m long and 5 m wide, contains water up to a depth of 1 m 25 cm. The total area (in m^2) of the wet surface is:

- Ans 1. 69
 2. 72.5
 3. 73.5
 4. 70.5

Question ID : 6549783146

Status : Answered

Chosen Option : 2

Q.4 A housewife spends 60% of her monthly income on grocery, clothes and education in the ratio of 5 : 7 : 10, respectively. If the amount spent on grocery is ₹15,000, then what is her monthly income (in ₹)?

- Ans 1. 1,25,000
 2. 1,20,000
 3. 1,10,000
 4. 1,00,000

Question ID : 6549783138

Status : Answered

Chosen Option : 3

Q.5 A man takes 5 hours 45 minutes in walking to a certain place and riding back. He would have taken 2 hours more by walking both the ways. The time he would take to ride both the ways is:

- Ans 1. 4 hours
 2. 2 hours 45 minutes
 3. 3 hours 15 minutes
 4. 3 hours 45 minutes

Question ID : 6549783144

Status : Answered

Chosen Option : 4

Q.6 The sum of the selling prices with a discount of 32% and two successive discounts of 20% and 12%, is ₹1,211.

The marked price (in ₹) of the article is:

- Ans 1. 875
 2. 750
 3. 1,350
 4. 1,000

Question ID : 6549783136

Status : Answered

Chosen Option : 1

Q.7 In a press there are three types of printing machines A, B and C. Machine A can print ten thousand pages in 8 hours, machine B can do the same task in 10 hours, and machine C can do the same task in 12 hours. All three machines start the task at 9:00 a.m. Machine A breaks down at 11:00 a.m. and machines B and C continue working. At 12:00 noon machine B also breaks down and machine C alone has to complete the remaining task. What is the approximate time of completion of the task?

- Ans 1. 2:24 p.m.
 2. 2:40 p.m.
 3. 12:45 p.m.
 4. 1:54 p.m.

Question ID : 6549783143

Status : Answered

Chosen Option : 1

Q.8 A sum of ₹12,000 amounts to ₹20,736 in $1\frac{1}{2}$ years at a certain rate per annum on compound interest, compounded half yearly. What will be the compound interest (in ₹) of the same sum in 2 years at the same rate on compound interest, if the interest is compounded annually?

- Ans 1. 12,510
 2. 15,210
 3. 11,520
 4. 11,250

Question ID : 6549783142

Status : Answered

Chosen Option : 3

Q.9 A number consists of 3 digits whose sum is 14. The middle digit is equal to the sum of the other two digits. The number will increase by 99 if its digits are reversed. The number is:

- Ans 1. 374
 2. 572
 3. 473
 4. 2755

Question ID : 6549783133

Status : Answered

Chosen Option : 1

Q.10 A towel, when bleached, was found to have lost 25% of its length and 15% of its breadth. The percentage of decrease in the area is:

- Ans 1. 35%
 2. 37.75%
 3. 36.25%
 4. 38.5%

Question ID : 6549783145

Status : Answered

Chosen Option : 3

Q.11 The arrangement of rational numbers $-\frac{7}{10}, -\frac{5}{8}, -\frac{2}{3}$ in descending order is:

- Ans 1. $-\frac{5}{8}, -\frac{2}{3}, -\frac{7}{10}$
 2. $-\frac{7}{10}, \frac{2}{-3}, \frac{5}{-8}$
 3. $-\frac{7}{10}, \frac{5}{-8}, \frac{2}{-3}$
 4. $\frac{5}{-8}, -\frac{7}{10}, \frac{2}{-3}$

Question ID : 6549783134

Status : Answered

Chosen Option : 1

Q.12 Three candidates contested an election and received 2272, 15272 and 23256 votes, respectively. All votes are valid votes. What percentage of the total votes did the candidate with the minimum votes get (correct to the nearest natural number)?

- Ans 1. 4%
 2. 6%
 3. 5%
 4. 8%

Question ID : 6549783137

Status : Answered

Chosen Option : 2

Q.13 The sides of a triangle are in the ratio $\frac{1}{2} : \frac{1}{3} : \frac{1}{5}$. If the perimeter of the triangle is 186 cm, then the length (in cm) of the largest side is:

- Ans 1. 72
 2. 120
 3. 90
 4. 60

Question ID : 6549783140

Status : Answered

Chosen Option : 3

Q.14 By selling a sofa set for ₹25,800 and a table for ₹5,000, a shopkeeper gains 10% on the whole transaction. However, if he sells the sofa set for ₹22,500 and the table for its original cost, he loses 5%. What is the original cost of the table?

- Ans 1. ₹3,834
 2. ₹4,750
 3. ₹4,100
 4. ₹3,500

Question ID : 6549783139

Status : Answered

Chosen Option : 1

Q.15 The average of 17 numbers is 15. If the average of the first nine numbers is 14 and that of the last 9 numbers is 16, then the middle number is:

- Ans 1. 16
 2. 17
 3. 15
 4. 14

Question ID : 6549783135

Status : Answered

Chosen Option : 3

Q.1 What will be the amount after 2 years, if a sum of ₹2,200 is invested at 12% per annum compound interest, compounded half-yearly (correct to two decimal places)?

- Ans 1. ₹2,766.18
 2. ₹2,733.45
 3. ₹2,755.76
 4. ₹2,777.45

Question ID : 4244292015

Status : Not Answered

Chosen Option : --

Q.2 The length of the minute hand of a clock is 10.5 cm. What is the area (in cm^2) swept by the minute hand in 10 minutes?

$\left(\text{Use } \pi = \frac{22}{7} \right)$

- Ans 1. 52.25
 2. 60
 3. 50
 4. 57.75

Question ID : 4244292018

Status : Answered

Chosen Option : 4

Q.3 A person invested one-third of his money at $3\frac{1}{2}\%$, one-fourth of his money at $7\frac{1}{2}\%$, and the remaining at 8% per annum simple interest. If his yearly simple interest is ₹1,479, then what is the sum invested (in ₹)?

- Ans 1. 23,200
 2. 21,500
 3. 24,500
 4. 22,300

Question ID : 4244292014

Status : Not Answered

Chosen Option : --

Q.4 There are 200 questions in a competitive examination. Savita answered 70% of the first 150 questions correctly. What percentage of the other 50 questions should she answer correctly for her grade in the entire exam to be 60%?

- Ans 1. 35%
 2. 30%
 3. 40%
 4. 25%

Question ID : 4244292011

Status : Answered

Chosen Option : 2

Q.5 The salary of a typist was at first raised by 20% and then it was reduced by 5%. He presently draws ₹17,100. What was his original salary (in ₹)?

- Ans 1. 17,500
 2. 12,500
 3. 15,000
 4. 16,000

Question ID : 4244292010

Status : Answered

Chosen Option : 3

Q.6 10 men can finish a piece of work in 10 days, whereas it takes 12 women to finish it in 10 days. If 8 men and 6 women undertake to complete the work, then in how many days will they complete it?

- Ans 1. $5\frac{9}{13}$
 2. $6\frac{9}{13}$
 3. $7\frac{9}{13}$
 4. $8\frac{9}{13}$

Question ID : 4244292016

Status : Not Answered

Chosen Option : --

Q.7 In a class, there are 48 students (boys and girls). The average weight of 32 boys in the class is 50.25 kg and that of the girls is 45.15 kg. What is the average weight (in kg) of the class?

- Ans 1. 47.65
 2. 48.55
 3. 50.23
 4. 49.67

Question ID : 4244292008

Status : Answered

Chosen Option : 2

Q.8 A 5-m-deep cylindrical pit having a radius of 1.4 m is dug in a field. The earth so dug out is used to raise a platform of 10 m × 8 m. What is the height of the platform (in cm)?

(Use $\pi = \frac{22}{7}$)

- Ans 1. 38.5
 2. 7.7
 3. 30
 4. 137.5

Question ID : 4244292019

Status : Answered

Chosen Option : 1

Q.9 A man decides to pave, with square tiles of the same size, the floor of his hall which is 4.83 metres long and 5.67 metres wide. What is the side of the largest possible tile (in cm)?

- Ans 1. 27
 2. 42
 3. 21
 4. 23

Question ID : 4244292005

Status : Not Answered

Chosen Option : --

Q.10 A positive number which when increased by 17 is equal to 84 times the reciprocal of the number. The number is:

- Ans 1. 4
 2. 6
 3. 5
 4. 3

Question ID : 4244292006

Status : Not Answered

Chosen Option : --

Q.11 Mrs. Sharma bought 7.35 m of fabric for her elder daughter, 6.75 m for the younger daughter, 8.57 m for her husband, and 7.83 m for herself. How much dress material (in m) did she bought in total?

- Ans 1. 29.7
 2. 30.5
 3. 27
 4. 32.5

Question ID : 4244292007

Status : Answered

Chosen Option : 2

Q.12 A shopkeeper buys 50 kg of sugar from a dealer, keeps 5 kg for his own use, and tries to sell the rest at a certain fixed price. He sells 15 kg at that fixed price. Then, he offers a discount of 10% and sells 10 kg at this discounted price. Finally, he offers an additional 25% discount over the discounted price and manages to sell all the sugar he had left with him. He gets a total of ₹1,875 after selling the sugar and makes an overall profit of 20%. If he could have sold the entire 50 kg sugar at its original fixed price without any discount, then what would have been his profit percentage?

- Ans 1. 50%
 2. 45%
 3. 60%
 4. 65%

Question ID : 4244292012

Status : Not Answered

Chosen Option : --

Q.13 A person spends ₹11,000 in buying some cupboards at ₹1,000 each and some chairs at ₹300 each. He purchased both the items. What is the ratio of the number of cupboards to that of the chairs when the maximum possible number of chairs are purchased?

- Ans 1. 1 : 15
 2. 1 : 10
 3. 3 : 10
 4. 2 : 5

Question ID : 4244292013

Status : Answered

Chosen Option : 1

Q.14 A car runs for 11 hours. For the first 100 km, the car runs with a certain speed and then it increases its speed by 15 km/h to cover the remaining 280 km. How much time (in hours) does it take to cover the first 100 km?

- Ans 1. 7
 2. 5
 3. 3
 4. 4

Question ID : 4244292017

Status : Not Answered

Chosen Option : --

Q.15 An article is sold for ₹796.875, after allowing two successive discounts of 15% and 25%. The cost price of the article is ₹1,000. If it is sold at the marked price, then what is the gain percentage?

- Ans 1. 27.5%
 2. 20%
 3. 25%
 4. 22.5%

Question ID : 4244292009

Status : Not Answered

Chosen Option : --

Q.1 What is the difference between the compound interest compounded annually and the simple interest on ₹16,000 for 3 years at 5% per annum?

- Ans 1. ₹130
 2. ₹140
 3. ₹150
 4. ₹122

Question ID: 8161616882

Status: Answered

Chosen Option: 4

Q.2 A cow is tied to a peg at one corner of a square shaped grass field of side 20.5 m. The length of the rope is 10.5 m. What is the area (in m^2) of the field in which the cow CANNOT graze? (Use $\pi = \frac{22}{7}$)

- Ans 1. 333.625
 2. 350
 3. 86.625
 4. 175

Question ID: 8161616886

Status: Answered

Chosen Option: 1

Q.3 A spherical solid lead ball of radius 9 cm is melted and small solid lead balls of radius 3 mm are made. What is the number of small balls made?

- Ans 1. 27,000
 2. 15,000
 3. 25,000
 4. 30,000

Question ID: 8161616887

Status: Answered

Chosen Option: 1

Q.4 ₹6,060 को A, B और C के बीच इस प्रकार बांटा जाता है कि यदि A के हिस्से में से ₹15, B के हिस्से में से ₹20 और C के हिस्से में से ₹25 कम कर दें, तो उनके हिस्सों का अनुपात 5 : 7 : 8 हो जाता है। C की मूल हिस्सेदारी कितनी (रुपये) थी?

- Ans 1. 2,120
 2. 1,525
 3. 2,425
 4. 1,515

Question ID: 8161616881

Status: Answered

Chosen Option: 3

Q.5 A publisher sells a book to a wholesale dealer at a profit of 30%. The wholesaler sells the book to a retailer at a profit of 25%. The book is then sold to a customer for ₹312, by earning a profit of 20%. What is the cost price (in ₹) of the book for the wholesale dealer?

- Ans 1. 260
 2. 200
 3. 208
 4. 160

Question ID: 8161616880

Status: Not answered

Chosen Option: -

Q.6 A loan is returned in two equal yearly instalments of ₹5,808. What is the total amount of the loan if the rate of compound interest, compounded annually, is 10% per annum?

- Ans 1. ₹12,450
 2. ₹10,080
 3. ₹18,000
 4. ₹10,800

Question ID: 8161616883

Status: Not answered

Chosen Option: -

Q.7 The average score of a group of students in a test is 64. If 20% students obtained an average score of 91 and 25% students obtained an average score of 31, then what is the average score (correct to one decimal place) of the remaining students?

- Ans 1. 71.2
 2. 69.2
 3. 70.5
 4. 68.7

Question ID: 8161616876

Status: Answered

Chosen Option: 2

Q.8 Equal square tiles are to be fixed on a wall, 3 m 50 cm in length and 4 m in height. How many largest possible tiles are needed to cover the wall?

- Ans 1. 63
 2. 45
 3. 56
 4. 54

Question ID: 8161616873

Status: Not answered

Chosen Option: -

Q.9 A person covered a certain distance at some speed. Had he moved 6 km/h faster, he would have taken 30 minutes less. If he had moved 4 km/h slower, he would have taken 30 minutes more. What is his original speed (in km/h)?

- Ans 1. 21
 2. 24
 3. 28
 4. 36

Question ID: 8161616885

Status: Answered

Chosen Option: 2

Q.10 Henry is working in a company. From his monthly salary, 25% is deducted as house rent, 15% is spent on children's education and 18% is spent on other heads. If his monthly savings are ₹7,560, then what is his monthly salary (in ₹)?

- Ans 1. 18,000
 2. 17,500
 3. 20,000
 4. 15,000

Question ID: 8161616878

Status: Answered

Chosen Option: 1

Q.11 A and B together can finish a work in 10 days, B and C together can finish the same work in 15 days, and A and C together can finish the same work in 20 days. In how many days can C alone finish the same work?

- Ans 1. 90
 2. 120
 3. 80
 4. 100

Question ID: 8161616884

Status: Answered

Chosen Option: 2

Q.12 A shopkeeper marks his goods at 32% above the cost price. He sells three-fifth of the goods at the marked price, one-fifth at a discount of 20% on the marked price, and the remaining at 40% discount on the marked price. What is his profit/loss percentage?

- Ans 1. Loss 15.17%
 2. Loss 17.16%
 3. Profit 18.17%
 4. Profit 16.16%

Question ID: 8161616877

Status: Answered

Chosen Option: 1

Q.13 What is the number that is always a factor of the sum of a 2-digit number and a number obtained by interchanging the digits of the number?

- Ans 1. 5
 2. 3
 3. 11
 4. 9

Question ID: 8161616874

Status: Answered

Chosen Option: 3

Q.14 The value of a machine depreciates at the rate of 25% each year. If the difference between its value at the end of the second year and the third year is ₹24,000, then what is the value (in ₹) of the machine at the end of the first year?

- Ans 1. 1,28,000
 2. 1,00,000
 3. 1,35,000
 4. 1,12,000

Question ID: 8161616879

Status: Answered

Chosen Option: 1

Q.15 Which of the following is the largest fraction?

$$\frac{6}{11}, \frac{13}{18}, \frac{15}{22}, \frac{19}{36}, \frac{25}{33}$$

Ans

1. $\frac{19}{36}$

2. $\frac{25}{33}$

3. $\frac{15}{22}$

4. $\frac{13}{18}$

Question ID: 8161616875

Status: Answered

Chosen Option: 2

Q.1 Arun spends 30% of his monthly income on groceries, 20% of the remaining on rent, and 45% of the remaining on children's education and others. If he saves ₹5,544 a month, then how much (in ₹) does he spend on rent?

Ans

 1. 2,690

 2. 2,520

 3. 2,680

 4. 2,500

Question ID : 6549783236

Status : Not Answered

Chosen Option : --

Q.2 What least number should be subtracted from 2983 so that the resulting number when divided by 9, 10 and 15, the remainder in each case is 3?

- Ans 1. 9
 2. 13
 3. 10
 4. 12

Question ID : 6549783232

Status : Answered

Chosen Option : 3

Q.3 The compound interest on a certain sum for 2 years at 15% p.a. is ₹7,282, interest being compounded 8-monthly. What will be the amount of the same sum at the same rate for the same duration, when the interest is compounded yearly?

- Ans 1. ₹29,095
 2. ₹29,282
 3. ₹26,620
 4. ₹28,540

Question ID : 6549783242

Status : Not Answered

Chosen Option : --

Q.4 The ratio of the number of boys and girls in a class is 9 : 7. The average weight of all the boys and girls is 54.25 kg. If the average weight of the girls is 52 kg, then what is the average weight (in kg) of the boys?

- Ans 1. 57.5
 2. 56.5
 3. 56
 4. 57

Question ID : 6549783234

Status : Answered

Chosen Option : 3

Q.5 A can do $33\frac{1}{3}\%$ of a work in 10 days and B can do $66\frac{2}{3}\%$ of the same work in 8 days. Both worked together for 8 days.

C alone completed the remaining work in 3 days. A and C together will complete $\frac{5}{6}$ part of the original work in:

- Ans 1. 12 days
 2. 18 days
 3. 15 days
 4. 20 days

Question ID : 6549783243

Status : Answered

Chosen Option : 4

Q.6 A sum of ₹7,560 is divided between A, B and C such that if their shares are diminished by ₹400, ₹300 and ₹260, respectively, then their shares are in the ratio 4 : 2 : 5. What is the original share of B?

- Ans 1. ₹2,400
 2. ₹1,500
 3. ₹2,700
 4. ₹1,200

Question ID : 6549783240

Status : Answered

Chosen Option : 2

Q.7 By selling an article at $\frac{8}{11}$ of its selling price, Madhu incurs a loss of 10%. If he sells the article at 85% of its actual selling price, then what is the profit percentage (correct to one decimal place)?

- Ans 1. 5.2
 2. 5.8
 3. 6.4
 4. 6.5

Question ID : 6549783239

Status : Not Answered

Chosen Option : --

Q.8 The amount obtained by investing a certain sum at $r\%$ p.a. for 4 years at simple interest is equal to the simple interest on the same sum at the same rate for 14 years. What is the value of r ?

- Ans 1. 9
 2. 10
 3. 12
 4. 8

Question ID : 6549783241

Status : Answered

Chosen Option : 2

Q.9 The value of $\frac{4}{21} \div \frac{3}{7}$ of $\frac{1}{2} - \frac{1}{2} \times 1\frac{2}{3} + (0.\overline{89} \div 0.9\bar{8}) \times 7\frac{1}{3}$ is:

- Ans 1. $\frac{25}{18}$
 2. $\frac{49}{18}$
 3. $\frac{7}{9}$
 4. $\frac{32}{9}$

Question ID : 6549783235

Status : Not Answered

Chosen Option : --

Q.10 A person travelled a distance of 60 km and then returned to the starting point. The time taken by him for the return journey was $\frac{1}{2}$ hour more than the time taken for the outward journey, and the speed during the return journey was 10 km/h less than that during the outward journey. His speed during the outward journey (in km/h) was:

- Ans 1. 24
 2. 40
 3. 30
 4. 36

Question ID : 6549783244

Status : Answered

Chosen Option : 2

Q.11 Two positive integers differ by 1627. When the larger integer is divided by the smaller, the quotient is 7 and the remainder is 157. The sum of the digits of the smaller integer is:

- Ans 1. 11
 2. 17
 3. 13
 4. 12

Question ID : 6549783233

Status : Not Answered

Chosen Option : --

Q.12 The area of a triangular park, whose sides are 72 m, 210 m and 222 m, is equal to the area of a rectangular garden whose sides are in the ratio of 21 : 10. What is the perimeter (in m) of the rectangular garden?

- Ans 1. 248
 2. 310
 3. 434
 4. 372

Question ID : 6549783245

Status : Answered

Chosen Option : 4

Q.13 If $x\%$ of 240 is equal to $60\% \text{ of } (x + 450)$, then $20\% \text{ of } (x + 50)$ is what percentage less than $40\% \text{ of } x$?

- Ans 1. 50%
 2. 40%
 3. $33\frac{1}{3}\%$
 4. $16\frac{2}{3}\%$

Question ID : 6549783237

Status : Answered

Chosen Option : 3

Q.14 The marked price of an article is ₹2,400. It is sold for ₹1,542.24 after allowing three successive discounts of 15%, 10% and $x\%$. What is the value of x ?

- Ans 1. 15.6
 2. 16.5
 3. 16
 4. 18

Question ID : 6549783238

Status : Answered

Chosen Option : 3

Q.15 The diameter of the base of a solid right circular cone is 66 cm, and its curved surface area is $2145 \pi \text{ cm}^2$. The volume of the cone, in cm^3 , is:

- Ans 1. 20328π
 2. 13552π
 3. 15246π
 4. 17787π

Question ID : 6549783246

Status : Answered

Chosen Option : 1

Q.1 Two numbers x and y are 18% and 30% of a number z . What percentage is the number y of the number x correct to the nearest integer?

- Ans 1. 175%
 2. 167%
 3. 140%
 4. 150%

Question ID : 4244292110

Status : Answered

Chosen Option : 2

Q.2 The least common multiple of two numbers is 252 and highest common factor of them is 12. If the difference between the numbers is 48, then what is the sum of the numbers?

- Ans 1. 144
 2. 110
 3. 120
 4. 140

Question ID : 4244292105

Status : Answered

Chosen Option : 3

Q.3 Three partners A, B and C divide ₹2,21,000 amongst themselves in such a way that if ₹2,000, ₹3,000 and ₹4,000 are removed from the sums that A, B and C received, respectively, then the share of the sums that they will get are in the ratio 11 : 18 : 24. How much (in ₹) did B receive?

- Ans 1. 69,000
 2. 72,000
 3. 96,000
 4. 75,000

Question ID : 4244292113

Status : Answered

Chosen Option : 2

Q.4 A metallic sheet is of rectangular shape with dimensions $28\text{ m} \times 16\text{ m}$. From each of its corners, a square is cut off so as to make an open box. If the length of the square is 3 m, then the volume of the box (in m^3) is:

- Ans 1. 550
 2. 660
 3. 440
 4. 770

Question ID : 4244292119

Status : Answered

Chosen Option : 2

Q.5 The marked price of a shirt is ₹1,824. The shirt is sold at a discount of 18%. If the profit percentage is 14%, then what is the cost price (in ₹) of the shirt?

- Ans 1. 1,213
 2. 1,125
 3. 1,312
 4. 1,512

Question ID : 4244292109

Status : Answered

Chosen Option : 3

Q.6 On a certain sum (in ₹), the compound interest is ₹9,095 at 15% p.a. for $2\frac{2}{3}$ years, when interest compounded yearly. The principal sum is:

- Ans 1. 22,500
 2. 18,000
 3. 20,000
 4. 21,500

Question ID : 4244292115

Status : Answered

Chosen Option : 3

Q.7 What is the product of two consecutive even numbers, the difference of whose squares is 84?

- Ans 1. 528
 2. 440
 3. 400
 4. 360

Question ID : 4244292106

Status : Answered

Chosen Option : 2

Q.8 A certain sum is lent at 5% p.a. for 4 years, 4% p.a. for the next 8 years, and 7% p.a. beyond 12 years. If for a period of 15 years the simple interest obtained is ₹43,800, then the sum (in ₹) is:

- Ans 1. 60,000
 2. 50,000
 3. 75,000
 4. 55,000

Question ID : 4244292114

Status : Answered

Chosen Option : 1

Q.9 A boat can go 5 km upstream and $7\frac{1}{2}$ km downstream in 45 minutes. It can go 5 km downstream and 2.5 km upstream in 25 minutes. How much time (in minutes) will it take to go 12 km upstream?

- Ans 1. 48
 2. 60
 3. 84
 4. 72

Question ID : 4244292117

Status : Answered

Chosen Option : 4

Q.10 On selling 17 balls at ₹840, there is a loss equal to the cost price of 5 balls. The cost price (in ₹) of a ball is:

- Ans 1. 65
 2. 80
 3. 75
 4. 70

Question ID : 4244292112

Status : Answered

Chosen Option : 4

Q.11 The population of a certain bacteria in an experimental field increased by 10% in the first year, increased by 8% in the second year, and decreased by 10% in the third year. If the number of bacteria in the experimental field at present is 21384, then the number of bacteria present initially was:

- Ans 1. 17500
 2. 21000
 3. 18000
 4. 20000

Question ID : 4244292111

Status : Answered

Chosen Option : 4

Q.12 25 women can do a piece of work in 60 days. After how many days from the start of the work, should 15 more women join them so that the work is done in 45 days?

- Ans 1. 18
 2. 20
 3. 25
 4. 15

Question ID : 4244292116

Status : Answered

Chosen Option : 2

Q.13 The diagonal of a rectangle is $\sqrt{31}$ cm and its area is 25 cm^2 . The perimeter (in cm) of the rectangle is:

- Ans 1. 15
 2. 12
 3. 20
 4. 18

Question ID : 4244292118

Status : Answered

Chosen Option : 4

Q.14 There are two batches A and B of a class. Batch A consists of 44 students and batch B consists of 56 students. The average weight (in kg) of the whole class, if the average weight of batch A is 43 kg and that of batch B is 39 kg, is:

- Ans 1. 40.76
 2. 42.65
 3. 39.68
 4. 41.59

Question ID : 4244292108

Status : Answered

Chosen Option : 1

Q.15 What decimal fraction is 195 ml of 5 litres?

Ans

- 1. 0.39
- 2. 0.0039
- 3. 3.9
- 4. 0.039

Question ID : 4244292107

Status : Answered

Chosen Option : 4

Q.1 A shopkeeper sold a book at a profit of 14%. If he had sold it for ₹54 more, then he would have gained 20%. The cost price of the book (in ₹) is:

- Ans 1. 900
 2. 1000
 3. 540
 4. 600

Question ID : 8161616980

Status : Answered

Chosen Option : 1

Q.2 There are 180 students in a class, out of which 70% are girls and the rest are boys. The average weight of boys in the class is 20% more than that of girls. If the average weight of all the students is 53 kg, then what is the average weight (in kg) of boys?

- Ans 1. 50
 2. 60
 3. 54
 4. 53

Question ID : 8161616976

Status : Not Answered

Chosen Option : --

Q.3 The volume of a right circular cone is 1078 cm^3 . If its area of base is 154 cm^2 , then its height (in cm) is:

- Ans 1. 24
 2. 18
 3. 25
 4. 21

Question ID : 8161616987

Status : Answered

Chosen Option : 4

- Q.4** If the price of tea is increased by 15%, then by what percentage should a household reduce its consumption of tea so that the expenditure remains the same?

Ans

✓ 1. $13\frac{1}{23}\%$

✗ 2. $15\frac{1}{23}\%$

✗ 3. $14\frac{1}{23}\%$

✗ 4. $11\frac{1}{23}\%$

Question ID : 8161616978

Status : Not Answered

Chosen Option : --

- Q.5** If the new length of a rectangle is three times the original length, and the new breadth is half of the original breadth, then the ratio of the area of the resulting rectangle to the area of the given rectangle is:

Ans

✓ 1. 3 : 2

✗ 2. 2 : 3

✗ 3. 4 : 1

✗ 4. 1 : 4

Question ID : 8161616986

Status : Answered

Chosen Option : 1

- Q.6** The smallest number which is divisible by 5, 14 and 28 and is a perfect square, is:

Ans

✗ 1. 8100

✗ 2. 1600

✓ 3. 4900

✗ 4. 2500

Question ID : 8161616973

Status : Answered

Chosen Option : 3

- Q.7** A person spends 70% of his income. If his expenditure increases by 30% and savings increase by 25%, then by what percentage does his salary increase?

Ans

✗ 1. 27.5%

✓ 2. 28.5%

✗ 3. 30%

✗ 4. 25%

Question ID : 8161616979

Status : Answered

Chosen Option : 1

Q.8 The ratio of the incomes of A and B is 5 : 8, and that of their expenditure is 1 : 2. If 80% of B's expenditure is equal to the income of A, then what is the ratio of the savings of A to that of B?

- Ans 1. 7 : 6
 2. 14 : 15
 3. 15 : 14
 4. 6 : 7

Question ID : 8161616981

Status : Not Answered

Chosen Option : --

Q.9 The population of a town increases at the rate of 15% every year. The present population is 10,00,000. In how many years will it become 15,20,875?

- Ans 1. 3
 2. 2
 3. 4
 4. 5

Question ID : 8161616983

Status : Answered

Chosen Option : 1

Q.10 If $\frac{\sqrt{1296}}{x} = \frac{x}{2.25}$, then the value of x is:

- Ans 1. 0.09
 2. 0.9
 3. 9
 4. 90

Question ID : 8161616975

Status : Answered

Chosen Option : 3

Q.11 After allowing a discount of 10% on the marked price of an article, it is sold for ₹720. Had the discount not been given, the profit would have been 25%. What is the cost price (in ₹) of the article?

- Ans 1. 640
 2. 720
 3. 800
 4. 560

Question ID : 8161616977

Status : Answered

Chosen Option : 1

Q.12 A covers a certain distance by car driving at 90 km/h, and he returns to the starting point, riding a scooter at 40 km/h. His average speed (in km/h) for the whole journey is:

Ans

1. $50\frac{5}{13}$

2. $58\frac{5}{13}$

3. $55\frac{5}{13}$

4. $52\frac{5}{13}$

Question ID : 8161616985

Status : Answered

Chosen Option : 3

Q.13 Radha paid ₹4,800 as interest on a loan she took 5 years ago at 12% p.a. at simple interest. What was the initial amount (in ₹) she took as a loan?

Ans

1. 6,000

2. 9,000

3. 7,500

4. 8,000

Question ID : 8161616982

Status : Answered

Chosen Option : 4

Q.14 Thirty persons take 15 days to complete a certain work working 8 hours a day. Working for 6 hours a day, in how many days can 40 persons complete the same work?

Ans

1. 20

2. 15

3. 18

4. 12

Question ID : 8161616984

Status : Answered

Chosen Option : 2

Q.15 If the 8-digit number $342x18y6$ is divisible by 72 for the smallest value of y , what is the value of $\sqrt{2x + 5y}$?

Ans

1. 2

2. 5

3. 4

4. 3

Question ID : 8161616974

Status : Not Answered

Chosen Option : --

Q.1 Suresh spends 85% of his monthly income. If his monthly income increases by 20% and monthly savings increase by 60%, then his monthly expenditure increases by (correct to one decimal place):

- Ans 1. 12.9%
 2. 10.8%
 3. 11.5%
 4. 13.2%

Question ID : 6549783337

Status : Answered

Chosen Option : 3

Q.2 The value of $1\frac{1}{8} \div \frac{5}{6}$ of $\frac{3}{4} - \frac{3}{4} \times \frac{2}{9} + 1\frac{13}{20} \times (0.\overline{93} \div 1.0\bar{3})$ is:

- Ans 1. $\frac{3}{2}$
 2. $\frac{7}{15}$
 3. $\frac{47}{15}$
 4. $\frac{2}{5}$

Question ID : 6549783335

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.3 A certain sum amounts to ₹10,220 in 4 years and to ₹12,775 in $7\frac{1}{2}$ years at the same rate per cent per annum at simple interest. The sum (in ₹) and the rate per cent, respectively, are:

- Ans 1. 7,200, 12%
 2. 7,700, 6%
 3. 7,500, 8%
 4. 7,300, 10%

Question ID : 6549783341

Status : Answered

Chosen Option : 4

Q.4 स्थिर जल में एक नाव की चाल 50 km/h है। इस नाव को प्रवाह की दिशा में एक निश्चित दूरी तय करने में जितना समय लगता है, उससे 25% अधिक समय स्थिर जल में उतनी ही दूरी को तय करने में लगता है। धारा की चाल (km/h में) कितनी है?

- Ans 1. 10.5
 2. 12.5
 3. 10
 4. 12

Question ID : 6549783344

Status : Answered

Chosen Option : 2

Q.5 A trader earns a profit of 20% by selling an article X and loses 16% by selling article Y. If the ratio of the cost prices of X and Y is 3 : 5, then what is the gain/loss in the entire transaction?

- Ans 1. Loss 5%
 2. Gain 5%
 3. Loss $2\frac{1}{2}\%$
 4. Gain $2\frac{1}{2}\%$

Question ID : 6549783339

Status : Answered

Chosen Option : 3

Q.6 When 716, 1837 and 2545 are divided by the greatest number x , the remainder in each case is y . What is the value of $(x - y)$?

- Ans 1. 52
 2. 49
 3. 55
 4. 51

Question ID : 6549783332

Status : Not Answered

Chosen Option : --

Q.7 A sum of ₹15,625 amounts to ₹19,600 in 2 years at a certain rate per cent per annum when the interest is compounded yearly. The same sum will amount to ₹ x in one year at the same rate when the interest is compounded half-yearly. The value of x is (nearest to an integer):

- Ans 1. 17,655
 2. 17,556
 3. 17,565
 4. 17,545

Question ID : 6549783342

Status : Answered

Chosen Option : 2

Q.8 48 persons working 8 hours a day can do a certain work in 25 days. In how many days, will 15 persons working 10 hours a day do the same work?

- Ans 1. 56
 2. 64
 3. 68
 4. 60

Question ID : 6549783343

Status : Answered

Chosen Option : 2

Q.9 The perimeter of a trapezium is 104 cm, its non parallel sides are 20 cm each, and the distance between its parallel sides is 16 cm. The area (in cm^2) of the trapezium is:

- Ans 1. 492
 2. 520
 3. 512
 4. 480

Question ID : 6549783345

Status : Answered

Chosen Option : 3

Q.10 There are 4 numbers. The average of the first 3 numbers is three times the 4th number. If the average of all the 4 numbers is 35, then the 4th number lies between:

- Ans 1. 16 and 19
 2. 12 and 15
 3. 22 and 25
 4. 19 and 22

Question ID : 6549783334

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.11 The difference between two whole numbers is 2507. When the larger number is divided by the smaller, the quotient is 9 and the remainder is 11. The larger number is:

- Ans 1. 2819
 2. 3131
 3. 2713
 4. 2687

Question ID : 6549783333

Status : Answered

Chosen Option : 1

Q.12 The marked price of an article is ₹1,200. During a sale, three successive discounts of 20%, 16% and $x\%$ are offered on this marked price. If the article is sold for ₹685.44, then what is the value of x ?

- Ans 1. 18
 2. 12
 3. 15
 4. 20

Question ID : 6549783338

Status : Answered

Chosen Option : 3

Q.13 The price of an article was first increased by $x\%$ and then the new price was decreased by $x\%$. If the last price was ₹10 x , then the original price (in ₹) of the article was:

- Ans 1. $\frac{10x}{\left[1-\left(\frac{x}{100}\right)^2\right]}$
 2. $\frac{100x}{\left[1-\left(\frac{x}{100}\right)^2\right]}$
 3. $\frac{100}{\left[1+\frac{x}{100}\right]}$
 4. $\frac{10x}{\left[1+\left(\frac{x}{100}\right)^2\right]}$

Question ID : 6549783336

Status : Answered

Chosen Option : 2

Q.14 A sum of ₹18,236 is divided between A, B and C such that the ratio of shares of A and B is 4 : 7 and that of B and C is 5 : 6. What is the difference between the shares of A and C?

- Ans 1. ₹4,136
 2. ₹1,316
 3. ₹2,632
 4. ₹3,760

Question ID : 6549783340

Status : Answered

Chosen Option : 1

Q.15 The external and internal radii of a hollow metallic spherical shell are 10 cm and 6 cm, respectively. It is melted and recast into solid balls of radius 2 cm each. The number of balls will be:

- Ans**
- 1. 49
 - 2. 98
 - 3. 72
 - 4. 36

Question ID : **6549783346**

Status : **Answered**

Chosen Option : **2**

Q.1 A loan is to be returned in two equal annual instalments. If the rate of interest is 10% p.a., compounded yearly, and each instalment is ₹3,872, then the total interest charged in this instalment scheme is:

Ans

- 1. ₹1,024
- 2. ₹1,020
- 3. ₹980
- 4. ₹1,050

Question ID : 4244292215

Status : **Not Attempted and
Marked For Review**

Chosen Option : --

Q.2 A and B started simultaneously towards each other from places X and Y, respectively. After meeting at point M on the way, A and B took 3.2 hours and 7.2 hours, to reach Y and X, respectively. The time (in hours) taken by them to reach point M was:

Ans 1. 4.8

2. 5

3. 4

4. 5.2

Question ID : 4244292217

Status : Answered

Chosen Option : 3

Q.3 The average of 14 numbers is 73.5. If two numbers 60 and 63 are replaced by 58 and 70 and one more number x is included, then the average of the numbers now increases by 1.5. What is the value of x ?

Ans 1. 91

2. 85

3. 88

4. 82

Question ID : 4244292207

Status : Answered

Chosen Option : 1

Q.4 The income of A is 60% more than the income of B, and the income of C is 45% less than the total income of A and B. By what percentage is C's income less than that of A's?

Ans 1. 11.225

2. 11.88

3. 10.5

4. 10.625

Question ID : 4244292209

Status : Answered

Chosen Option : 4

Q.5 A certain number of students from school A appeared in an examination and 65% of them passed. 100% more students than those in school A, appeared in the same examination from school B. If 75% of the total students that appeared from schools A and B passed, then what is the percentage of students who failed from school B?

Ans 1. 25

2. 20

3. 18

4. 15

Question ID : 4244292210

Status : Answered

Chosen Option : 2

Q.6 The rate of interest on a sum for the first 3 years is 8% p.a., for the next 4 years it is 10% p.a., and for the period beyond 7 years it is 16% p.a. If a person gets ₹11,340 as simple interest after 10 years, how much money did he invest?

- Ans 1. ₹11,150
 2. ₹12,140
 3. ₹10,140
 4. ₹10,125

Question ID : 4244292214
Status : Answered
Chosen Option : 4

Q.7 The curved surface area of a right circular cylinder is 1320 cm^2 and the radius of its base is 10.5 cm. The volume (in cm^3) of the cylinder is: (Take $\pi = \frac{22}{7}$)

- Ans 1. 6930
 2. 6908
 3. 6798
 4. 6732

Question ID : 4244292219
Status : Answered
Chosen Option : 1

Q.8 A sum of ₹16,380 is divided among A, B, C, and D such that the ratio of the shares of A and B is 1 : 3, that of B and C is 2 : 5, and that of C and D is 2 : 3. The share (in ₹) of C is:

- Ans 1. 5,400
 2. 8,100
 3. 6,300
 4. 4,500

Question ID : 4244292213
Status : Answered
Chosen Option : 1

Q.9 Let x be the least number of 4-digits which when divided by 12, 15, 20 and 27 leaves, in each case, a remainder 7.
What is the sum of the digits of x ?

- Ans 1. 13
 2. 16
 3. 17
 4. 11

Question ID : 4244292205
Status : Answered
Chosen Option : 2

Q.10 The value of $(0.58 \div 0.53) \times \frac{5}{33} + \frac{10}{21} \div 1\frac{1}{14}$ of $\frac{5}{3} - \frac{5}{3} \times \frac{1}{10}$ is:

Ans

1. $\frac{13}{30}$

2. $\frac{3}{5}$

3. $\frac{3}{10}$

4. $\frac{4}{15}$

Question ID : 4244292208

Status : Answered

Chosen Option : 3

Q.11 The marked price of an article is ₹240. It is sold by giving a discount of 10% on the marked price. If the profit is 8%, then what is the cost price of the article?

Ans

1. ₹175

2. ₹210

3. ₹180

4. ₹200

Question ID : 4244292211

Status : Answered

Chosen Option : 4

Q.12 A and B can do a piece of work in 10 days and 15 days, respectively. They work together for 4 days. The remaining work is completed by C alone in 12 days. C alone will complete $\frac{4}{9}$ part of the original work in:

Ans

1. 24 days

2. 12 days

3. 20 days

4. 16 days

Question ID : 4244292216

Status : Answered

Chosen Option : 4

Q.13 Roshan bought 36 kg sugar for ₹1,620. He sold it at a profit equal to the selling price of 6 kg of it. His selling price per kg, is:

Ans

- 1. ₹51
- 2. ₹50
- 3. ₹54
- 4. ₹52

Question ID : 4244292212

Status : Answered

Chosen Option : 3

Q.14 In a division sum, the divisor is 18 times the quotient and 9 times the remainder. If the remainder is 26, then the dividend is:

Ans

- 1. 3055
- 2. 3072
- 3. 3068
- 4. 3042

Question ID : 4244292206

Status : Answered

Chosen Option : 3

Q.15 The perimeter of a rhombus is 148 cm and one of its diagonals is 70 cm. Its area is equal to the area of a rectangle whose sides are in the ratio 7 : 3. The longer side of the rectangle is:

Ans

- 1. $7\sqrt{10}$ cm
- 2. $8\sqrt{5}$ cm
- 3. $4\sqrt{5}$ cm
- 4. $14\sqrt{10}$ cm

Question ID : 4244292218

Status : Answered

Chosen Option : 4

Q.1 What will be least number of marbles with Rohit, if he can arrange them in rows of 9, 10 and 15 marbles each, and the number is also a perfect square?

Ans

- 1. 400
- 2. 100
- 3. 961
- 4. 900

Question ID : 8161617073

Status : Answered

Chosen Option : 4

Q.2 What is the length (in cm) of the diagonal of a square whose area is 5 times that of another square with diagonal as $4\sqrt{2}$ cm?

Ans 1. $4\sqrt{10}$

2. $4\sqrt{5}$

3. $8\sqrt{5}$

4. $2\sqrt{10}$

Question ID : 8161617086

Status : Answered

Chosen Option : 1

Q.3 A person invested a sum of ₹50,000 partly at 15% p.a. and remaining at 18% p.a. at simple interest. At the end of 2 years, the total interest received was ₹16,800. The ratio of the sum at 15% p.a. to the sum at 18% p.a. is:

Ans 1. 2 : 3

2. 3 : 2

3. 4 : 1

4. 1 : 4

Question ID : 8161617082

Status : Answered

Chosen Option : 2

Q.4 तीन अंकों वाली ऐसी संख्याओं का औसत कितना होगा जिनमें सभी तीनों अंक समान हों?

Ans 1. 444

2. 555

3. 525

4. 666

Question ID : 8161617076

Status : Answered

Chosen Option : 1

Q.5 During a rainy day, 4 cm of rain falls. The volume (in m^3) of water that falls on 1.5 hectares of ground is:

Ans 1. 450

2. 600

3. 500

4. 750

Question ID : 8161617087

Status : Answered

Chosen Option : 2

Q.6 The value of $\frac{8}{3} \div \frac{3}{4}$ of $\frac{5}{6} + \frac{4}{9} \div \left(\frac{3}{5} - \frac{1}{2}\right) \times \frac{9}{25} + \frac{3}{5} \times \frac{4}{9} - \frac{4}{9} \div \frac{2}{3}$ is:

Ans

✓ 1. $\frac{82}{15}$

✗ 2. $\frac{79}{15}$

✗ 3. $\frac{91}{15}$

✗ 4. $\frac{67}{15}$

Question ID : 8161617075

Status : Answered

Chosen Option : 1

Q.7 A dealer sells an article by allowing a 20% discount on its marked price and gains 24%. If the cost price of the article is increased by 10%, how much discount percentage should he allow now on the same marked price so as to earn the same percentage of profit as before?

Ans

✗ 1. 18%

✓ 2. 12%

✗ 3. 10%

✗ 4. 15%

Question ID : 8161617077

Status : Answered

Chosen Option : 3

Q.8 The difference between a two-digit number and the number obtained by interchanging the position of its digits is 45. What is the difference between the two digits of that number and how many such numbers are possible?

Ans

✗ 1. 3; 6

✗ 2. 4; 5

✓ 3. 5; 4

✗ 4. 6; 3

Question ID : 8161617074

Status : Answered

Chosen Option : 3

Q.9 A student purchased a box of pens at the rate of 8 pens for ₹24 and sold all of them at the rate of 9 pens for ₹45. In this transaction, he gained ₹240. How many pens did the box contain?

Ans

✗ 1. 150

✗ 2. 100

✓ 3. 120

✗ 4. 180

Question ID : 8161617080

Status : Answered

Chosen Option : 3

Q.10 A passenger train without stoppages runs at an average speed of 75 km/h, and with stoppages, at an average speed of 60 km/h. What is the total time (in hours) taken by the train for stoppages on a route of length 600 km?

- Ans 1. 2
 2. 4
 3. 1
 4. 3

Question ID : 8161617085

Status : Answered

Chosen Option : 1

Q.11 The monthly income of A, B and C taken together is ₹69,000. A spends 70% of income, B spends 80% of income and C spends 92% of income. If their monthly savings are in the ratio of 15 : 11 : 10, respectively, then the monthly savings (in ₹) of B is:

- Ans 1. 1,200
 2. 6,750
 3. 2,500
 4. 3,300

Question ID : 8161617081

Status : Not Answered

Chosen Option : --

Q.12 योजना A में, ₹24,000 की धन-राशि 8% प्रति वर्ष की दर से 2 वर्ष के लिए साधारण ब्याज पर निवेशित की गई। योजना B में, ₹24,000 की धन-राशि 5% प्रति वर्ष वार्षिक चक्रवृद्धि की दर से 2 वर्ष के लिए निवेशित की गई। A और B के बीच ब्याज का अनुपात क्या होगा?

- Ans 1. 41 : 64
 2. 64 : 41
 3. 41 : 45
 4. 45 : 41

Question ID : 8161617083

Status : Answered

Chosen Option : 2

Q.13 Two numbers P and Q are such that the sum of 2% of P and 2% of Q is two-third of the sum of 2% of P and 6% of Q. The ratio of 2 times of P to 5 times of Q is:

- Ans 1. 5 : 3
 2. 3 : 2
 3. 6 : 5
 4. 2 : 5

Question ID : 8161617079

Status : Answered

Chosen Option : 3

Q.14 An officer undertakes to complete a job in 300 days. He employs 300 people for 60 days and they complete half of the work. He then reduces the number of people to 100, who work for 120 days, after which there are 20 days' holiday. How many people must be employed for the remaining period to finish the work?

Ans

- 1. 50
- 2. 75
- 3. 60
- 4. 100

Question ID : 8161617084

Status : Answered

Chosen Option : 3

Q.15 A person spent 65% of the income on purchasing items A and B and the rest of the amount is his savings. He spent ₹1,800 on purchasing item A and ₹3,270 on purchasing item B. The savings amount (in ₹) was:

Ans

- 1. 2950
- 2. 2500
- 3. 2730
- 4. 3000

Question ID : 8161617078

Status : Answered

Chosen Option : 3

Q.1 A person loses 20%, when he sells a watch for ₹2,300. What is his profit percentage if he sells it for ₹3,231.50?

- Ans 1. 10.8
 2. 15.2
 3. 12.8
 4. 12.4

Question ID : 6549783439

Status : Answered

Chosen Option : 4

Q.2 The perimeter of a circular field is 1012 m. The area of this field is equal to a rectangular garden whose sides are in the

ratio 14 : 11. The longer side of the garden is: (Take $\pi = \frac{22}{7}$)

- Ans 1. 294 m
 2. 322 m
 3. 308 m
 4. 336 m

Question ID : 6549783445

Status : Not Answered

Chosen Option : --

Q.3 An article is sold by giving a discount of 30% on its marked price. If there is a gain of 20%, and the cost price of the article is ₹840, then the marked price of the article is:

- Ans 1. ₹1,440
 2. ₹1,240
 3. ₹1,260
 4. ₹1,460

Question ID : 6549783438

Status : Answered

Chosen Option : 1

Q.4 Train A travelling at 55 km/h takes 21 seconds to cross completely train B travelling at 53 km/h in the opposite direction. The length of train A is 2.5 times the length of train B. Train A passes a bridge in 72 seconds. What is the length (in m) of the bridge?

- Ans 1. 650
 2. 600
 3. 550
 4. 575

Question ID : 6549783444

Status : Answered

Chosen Option : 2

Q.5 सविता अपनी मासिक आय का 8% एक धर्मर्थ न्यास को दान करने का निर्णय लेती है। दान के दिन वह अपने निर्णय को बदलते हुए ₹2,880 की धन-राशि दान करती है जो दान के लिए पहले से निर्धारित धन-राशि से 20% कम है। उसकी मासिक आय (₹ में) कितनी है?

- Ans 1. ₹36,000
 2. ₹48,000
 3. ₹45,000
 4. ₹40,000

Question ID : 6549783437

Status : Answered

Chosen Option : 3

Q.6 Let x be the least number between 1400 and 1800, which when divided by 5, 6, 8, 9 and 12, the remainder in each case is 3. When x is divided by 11, the remainder is:

- Ans 1. 2
 2. 1
 3. 5
 4. 3

Question ID : 6549783432

Status : Not Answered

Chosen Option : --

Q.7 The value of $\frac{7}{8} \div 4\frac{2}{3}$ of $1\frac{1}{4} - 1\frac{1}{4} \times 1\frac{1}{5} + (0.\overline{53} \div 0.\overline{58}) \times 2\frac{3}{4}$ is:

- Ans 1. $\frac{17}{20}$
 2. $\frac{27}{8}$
 3. $\frac{23}{20}$
 4. $\frac{7}{5}$

Question ID : 6549783435

Status : Not Answered

Chosen Option : --

Q.8 Pipes A and B can fill a tank in 10 hours and $13\frac{1}{3}$ hours, respectively. Pipe C is an emptying pipe. When all three pipes are opened together, the tank is filled in 8 hours. Pipe C alone can empty 60% part of the tank in:

- Ans 1. 12 hours
 2. 15 hours
 3. 9 hours
 4. 10 hours

Question ID : 6549783443

Status : Answered

Chosen Option : 1

Q.9 A sum of ₹8,000 amounts to ₹13,824 in 3 years at R% p.a., interest compounded annually. What will it amount to in $1\frac{1}{4}$ years at the same rate, if the interest is compounded half-yearly?

- Ans 1. ₹10,648
 2. ₹10,148
 3. ₹10,164
 4. ₹10,872

Question ID : 6549783442

Status : Answered

Chosen Option : 2

Q.10 एक विभाजन किया में, भाजक भागफल से 8 गुना और शेषफल से 9 गुना है। यदि शेषफल 24 है, तो भाज्य क्या होगा?

- Ans 1. 5,858
 2. 5,820
 3. 5,856
 4. 5,824

Question ID : 6549783433

Status : Not Answered

Chosen Option : --

Q.11 A certain sum amounts to ₹5,808 after 2 years and to ₹7,320 after 5 years at the same rate per cent per annum at simple interest. What will be the simple interest on a sum of ₹8,500 for $4\frac{2}{3}$ years at the same rate?

- Ans 1. ₹4,352
 2. ₹4,165
 3. ₹5,440
 4. ₹4,760

Question ID : 6549783441

Status : Not Answered

Chosen Option : --

Q.12 A sum of ₹x is divided between A, B and C such that the ratio of the shares of A and B is 3 : 5, and that of B and C is 4 : 7. If the difference between the shares of A and C is ₹2,001, then the value of x is:

- Ans 1. 5,481
 2. 5,742
 3. 5,655
 4. 5,829

Question ID : 6549783440

Status : Answered

Chosen Option : 4

Q.13 The curved surface area of a right circular cylinder is 3432 cm^2 and the radius of its base is 26 cm. Its volume (in cm^3)

is: (Take $\pi = \frac{22}{7}$)

- Ans 1. 29744
 2. 22308
 3. 59488
 4. 44616

Question ID : 6549783446

Status : Answered

Chosen Option : 4

Q.14 The average weight of a certain number of persons in a group is 78 kg. If 4 persons having average weight 80.75 kg leave the group, the average weight of the remaining persons becomes 77.725 kg. The number of persons, initially, is:

- Ans 1. 36
 2. 44
 3. 46
 4. 34

Question ID : 6549783434

Status : Not Answered

Chosen Option : --

Q.15 The income of x is 80% more than that of y, and the income of z is 60% of the total income of x and y. The income of z is what percentage less than that of x (correct to one decimal place)?

- Ans 1. 6.3%
 2. 7.1%
 3. 7.3%
 4. 6.7%

Question ID : 6549783436

Status : Answered

Chosen Option : 4

Q.1 The total consumption of rice is 20 kg per month for a family. As the price of rice increases by 35%, the family reduces its consumption so that the expenditure of rice is increased only by 8%. What is the new consumption (in kg) of rice per month due to the increase in the price of rice?

- Ans 1. 16
 2. 14
 3. 18
 4. 12

Question ID : 8161617179

Status : Answered

Chosen Option : 1

Q.2 A is 30% more efficient than B and B can finish a certain job in 13 days. How many days will A alone take to complete the same job?

- Ans 1. 7
 2. 11
 3. 10
 4. 9

Question ID : 8161617184

Status : Answered

Chosen Option : 3

Q.3 In the first year, the population of a village increases by 10%, and in the second year, it diminishes by 12%. At the end of the second year, its population was 14520. What was the population at the beginning of the first year?

- Ans 1. 15000
 2. 14750
 3. 15250
 4. 13500

Question ID : 8161617182

Status : Answered

Chosen Option : 1

Q.4 The compound interest on a certain sum for 2 years at a certain rate of interest is ₹1,996.80 if the interest is compounded annually, and the simple interest on the same sum for the same time and at the same rate of interest is ₹1,920. The amount (in ₹) for the same sum, interest compounded annually, at the same rate of interest for 3 years is:

- Ans 1. 15,611.45
 2. 14,167.34
 3. 15,116.54
 4. 14,761.35

Question ID : 8161617183

Status : Answered

Chosen Option : 3

Q.5 The difference between a two-digit number and the number obtained by interchanging the digits is 54. What is the difference between the sum and the difference of the digits of the number if the ratio of the digits is 1 : 3?

- Ans 1. 3
 2. 4
 3. 6
 4. 8

Question ID : 8161617174

Status : Answered

Chosen Option : 3

Q.6 The distance between two places, A and B, is 190 km. A bus starts from A at 6 a.m. and travels towards B at 40 km/h. Another bus starts from B at 7 a.m. and travels towards A at 50 km/h. At what time will they meet?

- Ans 1. 8.40 a.m.
 2. 8.10 a.m.
 3. 9.20 a.m.
 4. 9 a.m.

Question ID : 8161617185

Status : Answered

Chosen Option : 1

Q.7 The average age of students (boys and girls) of a class is 16.8 years. The average age of the boys in the class is 17.6 years and that of the girls is 16.4 years. The ratio of the number of boys to the number of girls in the class is:

- Ans 1. 3 : 2
 2. 1 : 2
 3. 2 : 1
 4. 2 : 3

Question ID : 8161617176

Status : Answered

Chosen Option : 2

Q.8 Radha sold a watch at a profit of 12.5%. If she had sold it for ₹50 more, then the profit would have been 15%. The initial selling price (in ₹) of the watch is:

- Ans 1. 2,250
 2. 1,125
 3. 1,000
 4. 2,000

Question ID : 8161617180

Status : Answered

Chosen Option : 1

Q.9 3 birds fly along the circumference of a jungle. They complete one round in 27 minutes, 45 minutes and 60 minutes, respectively. Since they start together, when will they meet again (in minutes) at the starting position?

- Ans 1. 600
 2. 450
 3. 540
 4. 360

Question ID : 8161617173

Status : Answered

Chosen Option : 3

Q.10 A hall is 14 m long and 11 m broad. If the sum of the areas of the floor and the ceiling is equal to the sum of the areas of the four walls, then the volume (in m^3) of the hall is:

- Ans 1. 975.32
 2. 1000
 3. 948.64
 4. 864.64

Question ID : 8161617187

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.11 The value of $\left(\frac{1}{4} \text{ of } 1\frac{1}{2}\right) \div \left(3\frac{1}{2} - 1\frac{1}{4}\right)$ of $1\frac{1}{2} - 1\frac{1}{2} \div 2\frac{1}{4} + 1\frac{1}{3}$ is:

- Ans 1. $\frac{5}{9}$
 2. $\frac{17}{9}$
 3. $\frac{11}{9}$
 4. $\frac{7}{9}$

Question ID : 8161617175

Status : Answered

Chosen Option : 4

Q.12 A fruit seller had some apples. He sells 30% of the apples and still has 245 apples left with him. The number of apples he had with him initially was:

- Ans 1. 300
 2. 350
 3. 250
 4. 400

Question ID : 8161617178

Status : Answered

Chosen Option : 2

Q.13 A, B and C agree to pay their total telephone bill in the proportion 3 : 5 : 7. A pays the first month's bill of ₹400, B pays the second month's bill of ₹560 and C pays the third day's bill of ₹840. How much amount (in ₹) should B pay to settle the accounts?

- Ans 1. 20
 2. 30
 3. 50
 4. 40

Question ID : 8161617181

Status : Answered

Chosen Option : 4

Q.14 Ram sold an article for ₹1,476, after allowing a 20% discount on its marked price. If he had not allowed any discount, he would have earned a profit of 24%. What is the cost price (in ₹) of the article (correct to two decimal places)?

- Ans 1. 1,187.76
 2. 1,487.90
 3. 1,576.75
 4. 1,678.90

Question ID : 8161617177

Status : Answered

Chosen Option : 2

Q.15 The ratio of the length and breadth of a rectangular park is 5 : 3, respectively. If a man walking along the boundary of the park at the speed of 6 km/h completes one round in 10 minutes, then the area of the park (in m^2) is:

- Ans 1. 53985.75
 2. 59385.75
 3. 58395.75
 4. 58593.75

Question ID : 8161617186

Status : Answered

Chosen Option : 4

Q.1 If a, b and c are positive numbers such that $(a^2 + b^2) : (b^2 + c^2) : (c^2 + a^2) = 34 : 61 : 45$, then $a : b : c = ?$

- Ans 1. 5 : 3 : 6
 2. 6 : 3 : 5
 3. 3 : 5 : 6
 4. 3 : 6 : 5

Question ID : 6549783540

Status : Answered

Chosen Option : 3

Q.2 When a number is divided by 4, 5, 6 and 9, the remainder in each case is 3. If the number is the smallest 4-digit number, then what is the sum of the digits of the number?

- Ans 1. 12
 2. 11
 3. 10
 4. 13

Question ID : 6549783532

Status : Answered

Chosen Option : 1

Q.3 If 80% of 50% of A is equal to three times 25% of B, then A is what percentage more or less than B?

- Ans 1. 46.7% more
 2. 87.5% more
 3. 46.7% less
 4. 87.5% less

Question ID : 6549783536

Status : Answered

Chosen Option : 1

Q.4 The marked price of an article is 25% above its cost price. If it is sold for ₹480 after a discount of ₹60, then the profit percentage is (correct to one decimal place):

- Ans 1. 12.8
 2. 10.8
 3. 12.4
 4. 11.1

Question ID : 6549783538

Status : Answered

Chosen Option : 4

Q.5 Two trains X and Y start at the same time, X from station A to B and Y from B to A. After passing each other, X and Y

take $8\frac{2}{5}$ hours and $4\frac{2}{7}$ hours, respectively, to reach their respective destinations. If the speed of X is 50 km/h, then what is the speed (in km/h) of Y?

- Ans 1. 56
 2. 63
 3. 84
 4. 70

Question ID : 6549783544

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.6 In a test, the average score of 52 students is 45. If the highest and the lowest scores (got by only one student) are excluded, the average score of the remaining students would decrease by 1. What is the average score of the highest and the lowest scores?

- Ans 1. 68
 2. 64
 3. 65
 4. 70

Question ID : 6549783534

Status : Answered

Chosen Option : 4

Q.7 A circle is inscribed in an equilateral triangle of side 30 cm. What is the area of the circle (in cm^2)?

- Ans 1. 60π
 2. 45π
 3. 75π
 4. 50π

Question ID : 6549783545

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.8 A certain sum amounts to ₹12,705 in $2\frac{1}{2}$ years at 10% p.a. interest compounded annually. What is the compound interest on the same sum for one year at the same rate, if the interest is compounded half-yearly?

- Ans ✓ 1. ₹1,025
✗ 2. ₹1,050
✗ 3. ₹1,000
✗ 4. ₹1,100

Question ID : 6549783542

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.9 A certain sum amounts to ₹9,900 in 4 years and to ₹11,700 in 7 years at the same rate per cent per annum at simple interest. What will be the amount of the same sum at $8\frac{2}{3}\%$ for $2\frac{1}{4}$ years at simple interest?

- Ans ✗ 1. ₹8,924
✓ 2. ₹8,962.50
✗ 3. ₹8,952.75
✗ 4. ₹8,904

Question ID : 6549783541

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.10 The value of $1\frac{1}{6} \div \frac{2}{3}$ of $\frac{7}{8} - \frac{7}{8} \div \frac{5}{6} \times \frac{5}{24} - (0.65 \div \overline{59}) \times 1\frac{1}{11}$ is:

- Ans ✗ 1. $\frac{11}{16}$
✗ 2. $\frac{57}{32}$
✗ 3. $\frac{9}{8}$
✓ 4. $\frac{93}{160}$

Question ID : 6549783535

Status : Answered

Chosen Option : 4

Q.11 A completes two-third part of a work in 16 days, and the remaining work is completed by B alone. The entire work is completed in 21 days. A and B together will complete 65% of the same work in:

- Ans 1. 6 days
 2. 5 days
 3. 4 days
 4. 8 days

Question ID : **6549783543**

Status : **Answered**

Chosen Option : **1**

Q.12 Sumit sells an article at a certain price. Had he sold it at four-fifth of that selling price, he would have lost 10%. If he sells it for 95% of the original selling price, then the gain percentage will be:

- Ans 1. $6\frac{7}{8}$
 2. $6\frac{8}{9}$
 3. $6\frac{1}{9}$
 4. $6\frac{1}{8}$

Question ID : **6549783539**

Status : **Answered**

Chosen Option : **3**

Q.13 The units digit of a 2-digit number exceeds the tens digit by 3, and the product of the given number and the sum of its digits is 324. The number lies between:

- Ans 1. 40 and 45
 2. 45 and 50
 3. 35 and 40
 4. 30 and 35

Question ID : **6549783533**

Status : **Answered**

Chosen Option : **3**

Q.14 In an examination, the number of students that appeared from school A is 20% more than the number of students that appeared from school B. 75% of the students from school B passed. If the total number of students that passed from both schools is 80% more than the number of students that passed from school B, then the percentage of students that passed from school A to those who appeared from school A is:

Ans

- 1. 64
- 2. 60
- 3. 50
- 4. 54

Question ID : 6549783537

Status : Not Answered

Chosen Option : --

Q.15 A solid metallic sphere of radius 8 cm is converted into a solid right circular cylinder of radius x cm. If the height of the cylinder is 3 times the radius of the sphere, then the value of x is:

Ans

- 1. $6\frac{2}{3}$
- 2. $3\frac{1}{5}$
- 3. $5\frac{4}{5}$
- 4. $5\frac{1}{3}$

Question ID : 6549783546

Status : Answered

Chosen Option : 4

Q.1 A student requires 221 days attendance to appear in an examination. A student has 208 days attendance and is declared ineligible by 5% attendance. What is the percentage of attendance required to appear in the examination?

- Ans 1. 80%
2. 95%
3. 85%
4. 94%

Question ID : 8161617578

Status : Answered

Chosen Option : 3

Q.2 The average score of 40 students of section A is 92. Two students of the class having average score 95, moved to another section and 2 new students replaced them. Now the average score of section A is 90. What is the average score of the students who joined section A?

- Ans 1. 89
2. 86
3. 91
4. 55

Question ID : 8161617576

Status : Answered

Chosen Option : 4

Q.3 At a certain rate, a sum becomes $\frac{729}{625}$ of itself in one year when interest is compounded half yearly. What will be the compound interest on ₹10,000 for $2\frac{1}{2}$ years at the same rate of interest, if interest is compounded annually (correct to the nearest rupee)?

- Ans 1. ₹4,693
 2. ₹4,352
 3. ₹14,352
 4. ₹4,532

Question ID : 8161617583

Status : Answered

Chosen Option : 4

Q.4 Six spherical balls of radius 7 cm are dropped in a bucket which is full of water upto the brim. The water flowed out is collected in a cylindrical jar of radius 14 cm. What is the height of the water in the jar?

- Ans 1. 14 cm
 2. 6 cm
 3. 7 cm
 4. 10 cm

Question ID : 8161617587

Status : Answered

Chosen Option : 1

Q.5 A metallic slab having dimensions $35 \text{ cm} \times 11 \text{ cm} \times 20 \text{ cm}$ is melted and recasted in the shape of a wire of radius 0.7 mm. What is the length of the wire (in m)? (Use $\pi = \frac{22}{7}$)

- Ans 1. 1590 m
 2. 110 m
 3. 500 m
 4. 5000 m

Question ID : 8161617586

Status : Answered

Chosen Option : 3

Q.6 Sarita took a loan of ₹18,600 partly at 5% and rest at 8% per annum simple interest. She paid a total of ₹4,800 after 4 years as interest. What is the difference in the money borrowed at two different rates of interest?

- Ans 1. ₹1,200
 2. ₹600
 3. ₹360
 4. ₹6,000

Question ID : 8161617582

Status : Answered

Chosen Option : 2

Q.7 A shopkeeper earns a profit of 35% when he sells articles at a discount of 10%. What will be the profit percentage if he gives 20% discount?

- Ans 1. 20%
 2. 17.5%
 3. 25%
 4. 15%

Question ID : 8161617577

Status : Answered

Chosen Option : 3

Q.8 Six men can complete a work in 48 days. In how many days will 4 men and 8 women complete the same work, if one man does as much work as 2 women?

- Ans 1. 30 days
 2. 40 days
 3. 36 days
 4. 24 days

Question ID : 8161617584

Status : Answered

Chosen Option : 3

Q.9 A shopkeeper suffers a loss of 10% if he sells an article for ₹6,750. What should be the selling price so that he earns a 10% profit?

- Ans 1. ₹8,100
 2. ₹8,250
 3. ₹8,168
 4. ₹7,500

Question ID : 8161617580

Status : Answered

Chosen Option : 2

Q.10 The sum of two numbers is 33. If their LCM and HCF are 72 and 3, respectively, then what is the difference in the numbers?

- Ans 1. 39
 2. 30
 3. 69
 4. 15

Question ID : 8161617573

Status : Answered

Chosen Option : 4

Q.11 The distance between two stations A and B is 107 km. A 1.8 km long train starts from station A for station B at a speed of 90 km/h. After 10 minutes, another train, 1.2 km long, starts from station B and runs towards station A at a speed of 100 km/h. What is the distance of the point from station A where the two trains pass each other?

- Ans 1. 50 km
 2. 60 km
 3. 58.2 km
 4. 57 km

Question ID : 8161617585

Status : Not Answered

Chosen Option : --

Q.12 A number when divided by 119 leaves remainder 19. What will be the remainder when the same number is divided by 17?

- Ans 1. 7
 2. 1
 3. 5
 4. 2

Question ID : 8161617574

Status : Answered

Chosen Option : 4

Q.13 A shopkeeper bought two computer printers of different companies for ₹10,500. By selling one printer at a gain of 20% and the other printer at a loss of 10%, he finds that the selling price of each printer is the same. What is the net profit or loss?

- Ans 1. Profit ₹1,050
 2. Loss ₹1,050
 3. Profit ₹300
 4. Profit ₹525

Question ID : 8161617579

Status : Answered

Chosen Option : 1

Q.14 The ratio of the market prices of wheat and rice is 3 : 8, and the ratio of their quantities consumed in a family is 16 : 3. What is the ratio of the expenditure on wheat and rice?

- Ans 1. 33 : 152
 2. 19 : 11
 3. 13 : 5
 4. 2 : 1

Question ID : 8161617581

Status : Answered

Chosen Option : 4

Q.15

Simplify $\frac{(1.16 \div 1.2)(13.5 \div .03)}{3}$.

Ans

-  1. 14.5
-  2. 145
-  3. 1.45
-  4. 43.5

Question ID : 8161617575

Status : Answered

Chosen Option : 2

Q.1 The compound interest on a sum of ₹8,400 in 3 years at a certain rate per cent per annum, is ₹6,115.20, interest being compounded annually. What will be the compound interest on the same sum at the same rate for $1\frac{1}{2}$ year, when the interest is compounded half yearly?

Ans ✗ 1. ₹2,840.00

✗ 2. ₹2,640.80

✓ 3. ₹2,780.40

✗ 4. ₹2,820.00

Question ID : 6549783642

Status : Answered

Chosen Option : 3

Q.2 In spite of an increase in the price of a commodity by 25%, the overall expenditure on it increases by 10%. What is the percentage decrease in the quantity of the commodity consumed?

Ans ✗ 1. 15

✗ 2. 12.5

✓ 3. 12

✗ 4. 10.5

Question ID : 6549783636

Status : Answered

Chosen Option : 3

Q.3 A certain sum (in ₹) is divided between A, B and C such that the ratio of shares of A and B is 3 : 5 and that of B and C is 2 : 7. If the share of B is ₹3,500, then the sum is:

Ans ✓ 1. ₹17,850

✗ 2. ₹17,500

✗ 3. ₹17,150

✗ 4. ₹14,350

Question ID : 6549783640

Status : Answered

Chosen Option : 1

Q.4 A can complete $\frac{1}{3}$ of a work in 5 days and B can complete $\frac{3}{5}$ of the same work in 6 days. They work together for 4 days.

The remaining work is completed by C alone in 8 days. C alone can complete $\frac{3}{4}$ of the same work in:

Ans ✗ 1. 20 days

✗ 2. 15 days

✗ 3. 12 days

✓ 4. 18 days

Question ID : 6549783643

Status : Answered

Chosen Option : 4

Q.5 The average of twelve numbers is 55. From these 12 numbers, the average of the first four numbers is 48 and the average of the last nine numbers is 57. If the fourth number is excluded, then what is the average of the remaining numbers (correct to one decimal place)?

- Ans 1. 54.8
 2. 55.9
 3. 53.2
 4. 52.6

Question ID : 6549783634

Status : Answered

Chosen Option : 2

Q.6 The marked price of an article is ₹432. A shopkeeper gains 35% when he sells it at 20% discount on the marked price. The cost price (in ₹) of the article is:

- Ans 1. 264
 2. 280
 3. 256
 4. 250

Question ID : 6549783638

Status : Answered

Chosen Option : 3

Q.7 40% of the students who appeared in a test were boys and the rest were girls. The pass percentage of girls was $53\frac{1}{3}\%$ and that of the boys was x%. If the overall pass percentage of students was 56%, then the value of x is:

- Ans 1. $46\frac{2}{3}$
 2. 54
 3. 64
 4. 60

Question ID : 6549783637

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.8 The value of $\left(\frac{5}{6} \div \frac{2}{3} \text{ of } \frac{4}{5}\right) + \frac{3}{4} - \frac{3}{4} \times \frac{5}{3} \div 3\frac{3}{4} + (0.8\bar{3} \div 0.\overline{75})$ is:

Ans

✓ 1. $\frac{739}{240}$

✗ 2. $\frac{213}{80}$

✗ 3. $\frac{19}{20}$

✗ 4. $\frac{91}{48}$

Question ID : 6549783635

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.9 A and B started moving at the same time towards each other from the points X and Y, respectively. After meeting on the way, A and B took 5.4 hours and 2.4 hours, respectively, to reach Y and X, respectively. If the speed of A was 16 km/h, then what was the speed (in km/h) of B?

Ans

✗ 1. 30

✗ 2. 18

✗ 3. 20

✓ 4. 24

Question ID : 6549783644

Status : Answered

Chosen Option : 4

Q.10 A certain sum amounts to ₹6,425 after 3 years and to ₹8,800 after 8 years at the same rate per cent per annum at simple interest. What will be the amount of the same sum after 5 years at the same rate at simple interest?

Ans

✗ 1. ₹7,450

✗ 2. ₹6,980

✓ 3. ₹7,375

✗ 4. ₹6,860

Question ID : 6549783641

Status : Answered

Chosen Option : 3

Q.11 A wire encloses an area 12474 cm^2 , when it is bent in the form of a circle. It is now bent to form a rectangle whose sides are in the ratio $5 : 6$. The length of the longer side of the rectangle is (take $\pi = \frac{22}{7}$):

- Ans 1. 100 cm
 2. 90 cm
 3. 120 cm
 4. 108 cm

Question ID : 6549783645

Status : Answered

Chosen Option : 4

Q.12 Let x be the sum of the numbers between 500 and 800 which are divisible by 12, 16 and 18. The sum of the digits of x is:

- Ans 1. 21
 2. 18
 3. 17
 4. 15

Question ID : 6549783632

Status : Not Answered

Chosen Option : --

Q.13 A person buys certain number of oranges at ₹84 per dozen and three times of it at ₹72 per dozen. He sells all the oranges at ₹90 per dozen. His gain percentage is:

- Ans 1. 20%
 2. $18\frac{1}{2}\%$
 3. $16\frac{2}{3}\%$
 4. 18%

Question ID : 6549783639

Status : Answered

Chosen Option : 1

Q.14 The curved surface area of a cone is $36\sqrt{2}\pi \text{ cm}^2$. If the height of the cone is equal to the radius of its base, then what is the volume (in cm^3) of the cone?

- Ans 1. 54π
 2. 90π
 3. 72π
 4. 80π

Question ID : 6549783646

Status : Answered

Chosen Option : 3

Q.15 The sum of ten consecutive whole numbers is 1045. What is the sum of the prime numbers among these numbers?

Ans

- 1. 423
- 2. 420
- 3. 432
- 4. 319

Question ID : **6549783633**

Status : **Not Answered**

Chosen Option : --

Q.1 In a division sum, the divisor is 32 times the quotient and 12 times the remainder. If the remainder is 56, then what is the dividend?

Ans  1. 14168

 2. 14112

 3. 13446

 4. 13496

Question ID : 8161617374

Status : Not Answered

Chosen Option : --

Q.2 An article marked at ₹560 is sold at 20% discount. If there is a profit of 40%, then what is the cost price (in ₹) of the article?

Ans  1. 320

 2. 280

 3. 350

 4. 400

Question ID : 8161617379

Status : Answered

Chosen Option : 1

Q.3 A certain sum amounts to ₹12,672 after 4 years and to ₹15,744 after 8 years at the same rate percent p.a. at simple interest. The simple interest on the same sum at 10% p.a for $3\frac{1}{3}$ years will be:

- Ans 1. ₹3,240
 2. ₹3,350
 3. ₹3,200
 4. ₹3,000

Question ID : 8161617382

Status : Not Answered

Chosen Option : --

Q.4 A and B together can do a certain work in 20 days, B and C together can do it in 30 days, and C and A together can do it in 24 days. B alone will complete $\frac{2}{3}$ part of the same work is:

- Ans 1. 24 days
 2. 32 days
 3. 20 days
 4. 16 days

Question ID : 8161617384

Status : Not Answered

Chosen Option : --

Q.5 Let x be the greatest number of 4 digits which, when divided by 16, 28, 40 and 48, leaves remainder 11 in each case. What is the sum of the digits of x ?

- Ans 1. 18
 2. 13
 3. 14
 4. 17

Question ID : 8161617373

Status : Not Answered

Chosen Option : --

Q.6 A certain sum amounts to ₹6,655 at 10% p.a. in 3 years. The same sum will amount to ₹ x at double the earlier rate in $2\frac{1}{2}$ years and if the interest is compounded annually in both cases. What is the value of x ?

- Ans 1. 7,920
 2. 7,200
 3. 8,640
 4. 7,500

Question ID : 8161617383

Status : Not Answered

Chosen Option : --

Q.7 The average weight of students in a class is 49 kg. Five new students are admitted in the class whose weights are 45 kg, 46.8 kg, 47.4 kg, 54.2 kg and 63.6 kg. Now, the average weight of all the students in the class is 50 kg. The number of students in the class in the beginning was:

- Ans 1. 8
 2. 10
 3. 7
 4. 12

Question ID : 8161617375

Status : Answered

Chosen Option : 3

Q.8 The diameter of a circular garden is 140 m. Its area is equal to a rectangular field whose sides are in the ratio 11 : 7. The perimeter (in m) of the rectangular field is (take $\pi = \frac{22}{7}$):

- Ans 1. $120\sqrt{2}$
 2. $270\sqrt{2}$
 3. $180\sqrt{2}$
 4. $360\sqrt{2}$

Question ID : 8161617386

Status : Answered

Chosen Option : 4

Q.9 The value of $1\frac{1}{3} \div 3\frac{3}{5}$ of $\frac{5}{6} - \frac{5}{6} \times \frac{2}{3} + (0.9\bar{1} \div 0.\overline{82}) \times \frac{2}{11}$ is:

- Ans 1. $\frac{1}{5}$
 2. $\frac{4}{45}$
 3. $\frac{1}{15}$
 4. $\frac{7}{30}$

Question ID : 8161617376

Status : Not Answered

Chosen Option : --

Q.10 Apoorv bought 26 kg of apples for ₹2,340. He sold them at a profit equal to the selling price of 6 kg of apples. The selling price of apples per kg, was:

- Ans ✓ 1. ₹117
✗ 2. ₹110
✗ 3. ₹105
✗ 4. ₹112

Question ID : 8161617380

Status : Answered

Chosen Option : 1

Q.11 The speed of a boat in still water is 30 km/h. It goes 60 km upstream and returns downstream to the starting point. It takes 4 hours 10 minutes for the entire journey. How much time (in hours) will it take to go 136.8 km downstream?

- Ans ✓ 1. 3.8
✗ 2. 2.4
✗ 3. 3.2
✗ 4. 4.2

Question ID : 8161617385

Status : Not Answered

Chosen Option : --

Q.12 If the radius of a right circular cone is decreased by 20% and its height is increased by 60%, then its volume:

- Ans ✗ 1. decreases by 4%
✗ 2. decreases by 2.5%
✗ 3. increases by 4.2%
✓ 4. increases by 2.4%

Question ID : 8161617387

Status : Marked For Review

Chosen Option : 4

Q.13 A sum of ₹23,808 is divided between A, B, C and D such that the ratio of the shares of A and B is 8 : 9, that of B and C is 3 : 5, and that of C and D is 1 : 2. What is the share of B?

- Ans ✗ 1. ₹3,072
✗ 2. ₹3,546
✗ 3. ₹3,264
✓ 4. ₹3,456

Question ID : 8161617381

Status : Not Answered

Chosen Option : --

Q.14 Remu gives 10% of an amount to Sushma, 20% of the remaining to Rekha, 50% of the remaining to Surbhi, and 40% of the remaining to Avni. Now, if a sum of ₹2,700 is left with her, then the amount paid to Avni is:

- Ans
- 1. ₹1,200
 - 2. ₹1,500
 - 3. ₹1,800
 - 4. ₹2,000

Question ID : 8161617378

Status : Answered

Chosen Option : 3

Q.15 The income of A is 125% more than the income of B, and the income of C is 60% less than the total income of A and B.

By what percentage is the income of C less than that of A (correct to one decimal place)?

- Ans
- 1. 46.9
 - 2. 42.2
 - 3. 40.8
 - 4. 73.1

Question ID : 8161617377

Status : Answered

Chosen Option : 1

Q.1 The price of an item decreases by 10% every year. If the difference between its prices at the end of the 4th year and 5th year is ₹52.65, then 90% of its price at the end of the 2nd year is:

- Ans 1. ₹585
 2. ₹540
 3. ₹612
 4. ₹630

Question ID : 6549783937

Status : Answered

Chosen Option : 1

Q.2 A is 48% more than B, and C is 30% less than the sum of A and B. By what percentage is C more than A (correct to one decimal place)?

- Ans 1. 16.9
 2. 17.3
 3. 14.7
 4. 15.2

Question ID : 6549783936

Status : Not Answered

Chosen Option : --

Q.3 By selling 32 articles, a shopkeeper gains the selling price of 12 articles. His gain percentage is:

Ans

1. $31\frac{1}{4}\%$

2. $50\frac{1}{2}\%$

3. 60%

4. 64%

Question ID : 6549783939

Status : Answered

Chosen Option : 1

Q.4 Let x be the greatest 4-digit number which when divided by 4, 5, 6, 7 and 9, the remainder in each case is 1. What is the sum of the digits of x?

Ans

1. 19

2. 18

3. 21

4. 16

Question ID : 6549783932

Status : Not Answered

Chosen Option : --

Q.5 A cylindrical bucket of radius 96 cm and height 54 cm is filled with sand. The bucket is emptied on the ground and a conical heap of base radius x cm is formed. If the height of the heap is 72 cm, then what is the value of x?

Ans

1. 108

2. 196

3. 144

4. 120

Question ID : 6549783946

Status : Answered

Chosen Option : 2

Q.6 A person rows 30 km upstream and the same distance downstream. The total time taken by him for this whole journey is

$3\frac{1}{5}$ hours. If the speed of the stream is 5 km/h, then in how many hours does the person row a distance of 144 km upstream?

Ans

1. 9.6

2. 8.4

3. 10

4. 9

Question ID : 6549783944

Status : Answered

Chosen Option : 4

Q.7 If a sum of ₹4,648 is divided into three parts such that 4 times the first part is equal to 5 times the second part and 7 times the third part, then the difference between the second and third part is:

- Ans 1. ₹336
 2. ₹448
 3. ₹840
 4. ₹504

Question ID : 6549783940

Status : Answered

Chosen Option : 4

Q.8 The average of ten numbers is 72.8. The average of the first six numbers is 88.5 and the average of the last five numbers is 64.4. If the 6th number is excluded, then what is the average of the remaining numbers?

- Ans 1. 65.8
 2. 66.5
 3. 67
 4. 66

Question ID : 6549783934

Status : Answered

Chosen Option : 2

Q.9 Pipe A is a filling pipe, while B and C are emptying pipes. Pipe A alone can fill a tank in 10 hours and pipe C alone can empty the full tank in 24 hours. If all three pipes are opened together, the tank is completely filled in 40 hours. In how many hours can pipe B alone empty two-third part of the tank?

- Ans 1. 24
 2. 20
 3. 18
 4. 30

Question ID : 6549783943

Status : Answered

Chosen Option : 4

Q.10 A sum amounts to ₹37,044 in 3 years at 5% p.a., interest being compounded yearly. If the same sum amounts to ₹x in 2 years at 15% p.a. when the interest is compounded 8-monthly, then the value of x (in ₹) is:

- Ans 1. 40,174
 2. 39,930
 3. 41,261
 4. 42,592

Question ID : 6549783942

Status : Not Answered

Chosen Option : --

Q.11 In a division sum, the divisor is 14 times the quotient and 7 times the remainder. If the remainder is 34, then the dividend is:

- Ans 1. 4063
 2. 4080
 3. 4097
 4. 4114

Question ID : 6549783933

Status : Answered

Chosen Option : 2

Q.12 The value of $\left(\frac{2}{3} \div 1\frac{3}{5} \text{ of } \frac{5}{9} - \frac{5}{9}\right) + \frac{3}{4} - \frac{5}{11} \left(0.7\bar{2} \div 0.\overline{65}\right)$ is:

- Ans 1. $\frac{5}{4}$
 2. $\frac{25}{36}$
 3. $\frac{4}{9}$
 4. $\frac{17}{18}$

Question ID : 6549783935

Status : Answered

Chosen Option : 3

Q.13 The area of a circular garden is equal to $\frac{11}{15}$ of the area of a triangular field whose sides are 80 m, 84 m and 116 m. What is the perimeter (in m) of the garden? (Take $\pi = \frac{22}{7}$)

- Ans 1. 154
 2. 176
 3. 220
 4. 132

Question ID : 6549783945

Status : Not Answered

Chosen Option : --

Q.14 A certain sum amounts to ₹13,860 after 5 years and to ₹16,776 after 8 years at the same rate per cent per annum at simple interest. What will be simple interest (in ₹) on a sum of ₹10,000 for $4\frac{2}{5}$ years at the same rate?

- Ans 1. 4,650
 2. 4,684
 3. 4,774
 4. 4,752

Question ID : 6549783941

Status : Not Answered

Chosen Option : --

Q.15 Renu marks an article at ₹36.50 above the cost price. She incurs a loss of 20% when she sells the article after allowing 36% discount on its marked price. What is the cost price of the article?

Ans

-  1. ₹148
-  2. ₹146
-  3. ₹154
-  4. ₹160

Question ID : 6549783938

Status : Not Answered

Chosen Option : --

Q.1 The volume of a cone is $144\pi \text{ cm}^3$. If its height is 2 times the radius of its base, then the curved surface area (in cm^2) of the cone is:

Ans

 1. $36\sqrt{5}\pi$

 2. $36\sqrt{10}\pi$

 3. $27\sqrt{10}\pi$

 4. $72\sqrt{5}\pi$

Question ID : 8161617487

Status : Answered

Chosen Option : 1

Q.2 Train A travelling at 60 km/h takes 20 seconds to cross train B completely, travelling at 48 km/h in the opposite direction. The length of train B is 1.5 times the length of train A. Train B passes a tunnel in 57 seconds. The length (in m) of the tunnel is:

- Ans 1. 425
 2. 420
 3. 360
 4. 400

Question ID : 8161617485

Status : Answered

Chosen Option : 4

Q.3 Two whole numbers differ by 1208. When the greater number is divided by the smaller, the quotient is 4 and the remainder is 182. The greater number is:

- Ans 1. 1550
 2. 1380
 3. 1460
 4. 1640

Question ID : 8161617474

Status : Answered

Chosen Option : 1

Q.4 A sum of ₹ x amounts to ₹8,283 after 3 years and to ₹10,527 after 7 years at the same rate percent p.a. simple interest.
The value of x (in ₹) is:

- Ans 1. 6,500
 2. 7,000
 3. 6,600
 4. 6,400

Question ID : 8161617482

Status : Answered

Chosen Option : 3

Q.5 When x is added to each of 6, 12, 18 and 28, then the numbers so obtained in this order are in a proportion. The value of $(5x - 8) : (x + 4)$ is:

- Ans 1. 31 : 9
 2. 8 : 3
 3. 13 : 4
 4. 7 : 2

Question ID : 8161617481

Status : Answered

Chosen Option : 3

Q.6 In an examination, 60% of the students who appeared were boys and the rest were girls. The pass percentage among boys is 45%, and the overall pass percentage of the students is 58%. What is the pass percentage among girls?

- Ans 1. 6.2%
 2. 75%
 3. 65.5%
 4. 77.5%

Question ID : 8161617478

Status : Answered

Chosen Option : 2

Q.7 When a number is divided by 2, 3, 4, 5 and 6, the remainder in each case is 1. If the number lies between 500 and 600, then the sum of digits of the number is:

- Ans 1. 11
 2. 9
 3. 10
 4. 13

Question ID : 8161617473

Status : Answered

Chosen Option : 3

Q.8 A certain sum amounts to ₹23,958 in 2 years at 15% p.a., when the interest is compounded 8-monthly. What will be the amount of the same sum for the same time at 12% p.a., if the interest is compounded yearly (nearest to ₹1)?

- Ans 1. ₹21,958
 2. ₹22,680
 3. ₹21,780
 4. ₹22,579

Question ID : 8161617483

Status : Answered

Chosen Option : 4

Q.9 A is 30% more than B, and B is 20% less than C. D is 20% less than A. Which of the following is true?

- Ans 1. C is 16.8% more than D
 2. B is 4% less than D
 3. D is 4% more than B
 4. C is 4% less than A

Question ID : 8161617477

Status : Answered

Chosen Option : 3

Q.10 An article is sold by giving a discount of 28% on its marked price. If there is a gain of 20% and the cost price of the article is ₹1,080, then what is the marked price of the article?

Ans 1. ₹1,600

2. ₹1,800

3. ₹1,440

4. ₹2,000

Question ID : 8161617479

Status : Answered

Chosen Option : 2

Q.11 By selling an article at $\frac{9}{16}$ of its selling price, a trader incurs a loss of 25%. What will be the profit percentage, if the article is sold for 15% less than its actual selling price?

Ans 1. $13\frac{1}{3}$

2. $12\frac{1}{4}$

3. $11\frac{13}{17}$

4. $15\frac{1}{2}$

Question ID : 8161617480

Status : Answered

Chosen Option : 1

Q.12 The average of 51 numbers is 52. The average of the first 28 numbers is 50.5 and that of the last 24 numbers is 54.5. If the 28th number is excluded, then what is the average of the remaining numbers?

Ans 1. 51.86

2. 50.40

3. 51.64

4. 50.84

Question ID : 8161617475

Status : Answered

Chosen Option : 3

Q.13 A and B can do a piece of work in 12 days and 20 days, respectively. They work together for 6 days. The remaining work is completed by C in 12 days. A and C together will complete $\frac{2}{3}$ part of the same work in:

- Ans 1. 8 days
 2. $6\frac{2}{3}$ days
 3. $8\frac{1}{2}$ days
 4. 6 days

Question ID : 8161617484
Status : Answered
Chosen Option : 2

Q.14 The value of $\frac{5}{7} \div 5\frac{1}{3}$ of $\frac{5}{14} - \frac{5}{14} \times 6\frac{3}{10} + (0.\overline{57} \div 6.\overline{3} \times 5\frac{1}{2}) \times \frac{7}{15}$ is:

- Ans 1. $\frac{7}{24}$
 2. $\frac{15}{8}$
 3. $\frac{3}{8}$
 4. $\frac{11}{24}$

Question ID : 8161617476
Status : Not Answered
Chosen Option : --

Q.15 The area of a triangular field with sides 120 m, 182 m and 218 m is equal to a rectangular garden whose sides are in the ratio 14 : 13. The perimeter (in m) of the garden is:

- Ans 1. $81\sqrt{10}$
 2. $54\sqrt{10}$
 3. $108\sqrt{15}$
 4. $54\sqrt{15}$

Question ID : 8161617486
Status : Answered
Chosen Option : 3

Q.1 Pipes A and B can fill a tank in 20 hours and 30 hours, respectively, whereas pipe C alone can empty the full tank in 10 hours. Pipes A and B are opened together for $3\frac{1}{2}$ hours and then closed. If pipe C is opened, it will empty the tank in:

Ans

-  1. 2 hours 45 minutes
-  2. 2 hours 55 minutes
-  3. 2 hours
-  4. 2 hours 15 minutes

Question ID : 8161617909

Status : Answered

Chosen Option : 2

Q.2 मान लीजिए x वह बड़ी से बड़ी संख्या है जिससे जब 988, 1,637 और 2,345 को विभाजित किया जाता है, तो प्रत्येक स्थिति में समान शेषफल प्राप्त होता है। शेषफल का मान कितना है?

- Ans 1. 39
 2. 54
 3. 49
 4. 44

Question ID : 8161617898
Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.3 Two whole numbers differ by 1495. When the larger number is divided by the smaller, the quotient is 8 and the remainder is 25. The sum of the two numbers is:

- Ans 1. 1810
 2. 1705
 3. 1915
 4. 1831

Question ID : 8161617899
Status : Answered
Chosen Option : 3

Q.4 A certain sum amounts to ₹10,257 in $3\frac{1}{2}$ years and to ₹11,310 in 5 years, at the same rate per cent per annum at simple interest. What is the simple interest on a sum of ₹8,400 for $4\frac{2}{3}$ years at the same rate of interest?

- Ans 1. ₹3,332
 2. ₹3,136
 3. ₹3,528
 4. ₹3,920

Question ID : 8161617907
Status : Answered
Chosen Option : 1

Q.5 The market price of an article is ₹640. A trader earns 20% profit when he sells it at a discount of 40% on its market price. The cost price of the article is:

- Ans 1. ₹330
 2. ₹320
 3. ₹350
 4. ₹360

Question ID : 8161617904
Status : Answered
Chosen Option : 2

Q.6 The value of $\left(\frac{2}{3} \div \frac{3}{4} \text{ of } \frac{5}{6}\right) \div \left(\frac{2}{3} \div \frac{3}{4} \times \frac{5}{6}\right) - \frac{5}{6} - \frac{11}{25} \times (0.\overline{49} \div 0.5\bar{4})$ is:

Ans

✓ 1. $\frac{31}{150}$

✗ 2. $\frac{37}{30}$

✗ 3. $\frac{151}{150}$

✗ 4. $\frac{53}{30}$

Question ID : 8161617901

Status : Answered

Chosen Option : 1

Q.7 A solid metallic cuboid of dimensions $32 \text{ cm} \times 36 \text{ cm} \times 44 \text{ cm}$ is melted and solid balls, each of radius 12 cm , are made from this material. The number of balls will be: (Take $\pi = \frac{22}{7}$)

Ans

✗ 1. 14

✓ 2. 7

✗ 3. 11

✗ 4. 9

Question ID : 8161617912

Status : Answered

Chosen Option : 2

Q.8 When x is subtracted from each of 43, 38, 11 and 10, the numbers so obtained in this order, are in proportion. What is the mean proportional between $(5x + 1)$ and $(7x + 4)$?

Ans

✗ 1. 28

✗ 2. 12

✓ 3. 20

✗ 4. 15

Question ID : 8161617906

Status : Answered

Chosen Option : 3

Q.9 The income of A is 80% more than the income of B. If A's income is decreased by 20% and B's income is increased by 60%, then which of the following is true:

Ans

✗ 1. A's income is less than B's income by $11\frac{1}{9}\%$

✗ 2. A's income is equal to B's income

✓ 3. B's income is more than A's income by $11\frac{1}{9}\%$

✗ 4. B's income is 16% more than A's income

Question ID : 8161617902

Status : Answered

Chosen Option : 3

Q.10 Rina's expenditure is 300% more than her savings. If her income increases by 30% and savings increase by 20%, then by what percentage does her expenditure increase?

- Ans 1. 37.5
 2. 30
 3. 32.5
 4. 36

Question ID : 8161617903

Status : Answered

Chosen Option : 3

Q.11 The average of 16 numbers is 68.5. If two numbers 54 and 37 are replaced by 45 and 73 and one more number x is excluded, then the average of the numbers decreases by 1.5. The value of x is:

- Ans 1. 118
 2. 120
 3. 111
 4. 109

Question ID : 8161617900

Status : Answered

Chosen Option : 1

Q.12 The ratio of the speed of a boat (in still water) and the current is $36 : 5$. The boat goes downstream for $5\frac{1}{6}$ hours and then starts coming back. How much time (in hours) will it take to reach the starting point?

- Ans 1. $7\frac{1}{3}$
 2. $6\frac{1}{2}$
 3. $6\frac{5}{6}$
 4. $7\frac{1}{6}$

Question ID : 8161617910

Status : Answered

Chosen Option : 3

Q.13 A shopkeeper sold an article at a profit of 13%. Had he sold it for ₹86.40 more, he would have gained k %. The cost price of the article is ₹720. What is the value of k ?

- Ans 1. 20
 2. 24
 3. 25
 4. 18

Question ID : 8161617905

Status : Answered

Chosen Option : 3

Q.14 A sum of ₹10,240 amounts to ₹14,848 in 3 years at simple interest at a certain rate percent per annum. The same sum will amount to ₹ x in $1\frac{1}{4}$ years at the same rate, if the interest is compounded five-monthly. The value of x is:

- Ans 1. 12,282.50
 2. 12,242
 3. 12,182
 4. 12,342.50

Question ID : **8161617908**

Status : **Answered**

Chosen Option : **2**

Q.15 The inner circumference of a circular track is 1408 m and the track is 7 m wide. The cost of levelling the track at ₹6 per

m^2 is: (Take $\pi = \frac{22}{7}$)

- Ans 1. ₹60,060
 2. ₹59,880
 3. ₹60,000
 4. ₹57,600

Question ID : **8161617911**

Status : **Answered**

Chosen Option : **1**

Q.1 What is the number of cubes of 2 cm edge that will be required to fill a cubical box of 1 m edge?

- Ans
- 1. 80,000
 - 2. 1,25,000
 - 3. 1,00,000
 - 4. 1,50,000

Question ID : 6549784146

Status : Answered

Chosen Option : 2

Q.2 Three times the second number from three consecutive odd integers is 3 more than twice the third number. The third integer is:

- Ans
- 1. 11
 - 2. 7
 - 3. 5
 - 4. 9

Question ID : 6549784133

Status : Not Answered

Chosen Option : --

Q.3 The population of a bacteria is increased by 12% on the first day and 10% on the second day but decreased by 15% on the third day. If the population at the end of the third day is 6545, then the population in the beginning was:

- Ans
- 1. 6500
 - 2. 6250
 - 3. 5750
 - 4. 6100

Question ID : 6549784138

Status : Answered

Chosen Option : 2

Q.4 If the length of a rectangle is increased by 20%, by what percentage should its width be decreased so as to keep the area same?

Ans

✓ 1. $16\frac{2}{3}\%$

✗ 2. 40%

✗ 3. 25%

✗ 4. $15\frac{2}{3}\%$

Question ID : 6549784145

Status : Answered

Chosen Option : 1

Q.5 दो संख्याओं के बीच का अंतर 1300 है। यदि एक संख्या का 8% दूसरी संख्या का 10% है, तो दोनों संख्याओं का योग कितना होगा?

Ans ✗ 1. 13000

✗ 2. 6500

✗ 3. 5200

✓ 4. 11700

Question ID : 6549784137

Status : Answered

Chosen Option : 4

Q.6 $\left(5\frac{1}{9} - 7\frac{7}{8} \div 9\frac{9}{20}\right) \times \frac{9}{11} - \left(5\frac{1}{4} \div \frac{3}{7} \text{ of } \frac{1}{4} \times \frac{2}{7}\right) \div 4\frac{2}{3}$ का मान कितना होगा?

Ans

✓ 1. $\frac{1}{2}$

✗ 2. $\frac{1}{4}$

✗ 3. $\frac{1}{9}$

✗ 4. $\frac{1}{3}$

Question ID : 6549784134

Status : Not Answered

Chosen Option : --

Q.7 एक मोटरबोट को जल धारा की विपरीत दिशा में 24 km की दूरी तय करने में, जल धारा की दिशा में उतनी ही दूरी तय करने में लगे समय से एक घंटा अधिक समय लगता है। यदि नदी की धारा की गति 2 km/h है, तो स्थिर जल में मोटरबोट की गति कितनी होगी?

Ans

- 1. $\sqrt{52}$ km/h
- 2. $5\sqrt{2}$ km/h
- 3. 10 km/h
- 4. 8 km/h

Question ID : 6549784144

Status : Answered

Chosen Option : 3

Q.8 A loss of 18% gets converted into a profit of 25% when the selling price is increased by ₹215. If the overhead expenses are ₹91, the original cost price (without the overhead expenses) (in ₹) is:

Ans

- 1. 591
- 2. 500
- 3. 409
- 4. 150

Question ID : 6549784139

Status : Answered

Chosen Option : 3

Q.9 5 पूर्ण और 6 महिलाएँ एक कार्य को 8 दिनों में कर सकते हैं। जब 10 पूर्ण और 7 महिलाएँ उसी कार्य को करती हैं, तो कार्य 5 दिनों में पूरा हो जाता है। यदि एक महिला अकेले कार्य करे, तो उसे कार्य पूरा करने में कितने दिन लगते?

Ans

- 1. 120
- 2. 75
- 3. 90
- 4. 100

Question ID : 6549784143

Status : Answered

Chosen Option : 1

Q.10 The greatest length (in cm) of the scale that can measure exactly 45 cm, 75 cm, 1 m 20 cm and 1 m 35 cm lengths is:

Ans

- 1. 10
- 2. 5
- 3. 15
- 4. 25

Question ID : 6549784132

Status : Answered

Chosen Option : 3

Q.11 The marked price of an article is 29% higher than its cost price. If the shopkeeper gives 25% discount, then the profit or loss percentage is:

- Ans 1. Loss 3.25%
 2. Loss 6.35%
 3. Profit 6.25%
 4. Profit 4.75%

Question ID : 6549784136

Status : Answered

Chosen Option : 1

Q.12 Let the same sum be invested at simple interest in two schemes. In scheme I and scheme II, the simple interest is earned at the rates of 6% and 8% for 5 years and 7 years, respectively. The ratio of the simple interests for scheme I to scheme II is:

- Ans 1. 15 : 22
 2. 20 : 21
 3. 15 : 28
 4. 21 : 20

Question ID : 6549784141

Status : Answered

Chosen Option : 3

Q.13 एक क्रिकेट खिलाड़ी का 12 परियों के लिए एक निश्चित औसत है। 13वीं पारी में उसने 108 रन बनाए, जिससे उसका औसत 6 रन बढ़ गया। उसका नया औसत कितना है?

- Ans 1. 30
 2. 38
 3. 42
 4. 36

Question ID : 6549784135

Status : Answered

Chosen Option : 3

Q.14 If a sum of ₹18,000 becomes ₹20,608.20 in two years on compound interest at a rate of $x\%$ compounded annually, then the value of x is:

- Ans 1. 5
 2. 8
 3. 9
 4. 7

Question ID : 6549784142

Status : Answered

Chosen Option : 1

Q.15 In a mixture of 17 litres, the ratio of acid and water is 5 : 2. If 3 litres of this mixture is replaced by 3 litres of acid, then what will be the ratio of acid and water in the newly formed mixture?

Ans

- 1. 9 : 7
- 2. 13 : 4
- 3. 9 : 8
- 4. 7 : 4

Question ID : 6549784140

Status : Answered

Chosen Option : 2

- Q.1** A certain sum amounts to ₹10,755 in 3 years and to ₹12,510 in 6 years at the same rate per cent per annum at simple interest. What will be the simple interest on a sum of ₹8,500 for $4\frac{2}{5}$ years at double the earlier rate?

Ans 1. ₹4,862

2. ₹4,114

3. ₹4,641

4. ₹4,488

Question ID : 6549784041

Status : Not Answered

Chosen Option : --

- Q.2** The incomes of A and B are in the ratio 4 : 7, and the ratio of their expenditures is 1 : 2. If each of them saves ₹4,800 per month, then the income of B is:

Ans 1. ₹32,200

2. ₹33,600

3. ₹31,500

4. ₹35,000

Question ID : 6549784040

Status : Answered

Chosen Option : 2

Q.3 Let y be a whole number between 20 and 36. If y is the product of exactly two distinct prime numbers, then the number of value of y is:

- Ans 1. 4
 2. 3
 3. 5
 4. 6

Question ID : 6549784033

Status : Answered

Chosen Option : 2

Q.4 Three numbers are such that if the average of any two of them is added to the third number, the sums obtained are 182, 230 and 242. What is the average of the three given numbers?

- Ans 1. 109
 2. 110
 3. 117
 4. 107

Question ID : 6549784034

Status : Not Answered

Chosen Option : --

Q.5 A boat takes 14 minutes to travel 8.4 km upstream. If the ratio of the speed of the boat to that of the stream is 6 : 1, then how much time (in minutes) will the boat take to travel 33.6 km downstream?

- Ans 1. 30
 2. 40
 3. 45
 4. 36

Question ID : 6549784044

Status : Not Answered

Chosen Option : --

Q.6 The cost of a car is 300% more than that of a bike. If the cost of the car increases by 10% and that of the bike increases by 30%, then the percentage increase in the total cost of 4 cars and 5 bikes is (correct to one decimal place):

- Ans 1. 16.5
 2. 14.8
 3. 13.4
 4. 15.2

Question ID : 6549784036

Status : Not Answered

Chosen Option : --

Q.7 Aruna sells an article at a certain price. Had she sold it at three-fifth of that selling price, she would have lost 20%. What is the gain percentage when she sells it at 90% of the original selling price?

- Ans 1. 15%
 2. 24%
 3. 25%
 4. 20%

Question ID : 6549784039

Status : Answered

Chosen Option : 1

Q.8 The area of a triangular park whose sides are 120 m, 137.5 m and 182.5 m, is equal to the area of a rectangular garden whose sides are in the ratio 30 : 11. The longer side of the rectangular garden is:

- Ans 1. 165 m
 2. 150 m
 3. 168 m
 4. 120 m

Question ID : 6549784045

Status : Not Answered

Chosen Option : --

Q.9 The radii of a cylinder and a cone are in the ratio 1 : 3, and the height of the cylinder is 1.5 times the slant height of the cone. What is the ratio of the curved surface areas of the cylinder and the cone?

- Ans 1. 1 : 2
 2. 1 : 1
 3. 3 : 4
 4. 2 : 1

Question ID : 6549784046

Status : Not Answered

Chosen Option : --

Q.10 एक दुकानदार किसी वस्तु के अंकित मूल्य पर 10% और 20% की दो क्रमिक छूटें देते हुए वस्तु बेच कर 8% का लाभ अर्जित करता है। वस्तु का अंकित मूल्य, उसके लागत मूल्य से कितने प्रतिशत अधिक है?

- Ans 1. 30
 2. 50
 3. 28
 4. 38

Question ID : 6549784038

Status : Not Answered

Chosen Option : --

Q.11 18 persons can complete a work in 15 days when they work 6 hours a day. The time (in days) taken by 12 persons working 10 hours a day to complete the same work, is:

Ans

- 1. $12\frac{1}{2}$
- 2. 15
- 3. $13\frac{1}{2}$
- 4. 12

Question ID : 6549784043

Status : **Answered**

Chosen Option : 3

Q.12 Rekha spends 75% of her monthly income. If her income increases by 15% and still she saves the same amount as before, then what is the percentage increase in her expenditure?

Ans

- 1. 20
- 2. 15
- 3. 25
- 4. 18

Question ID : 6549784037

Status : **Not Answered**

Chosen Option : --

Q.13 A sum lent at compound interest amounts to 72.8% more than itself in 3 years, interest compounded annually at a certain rate per cent per annum. What will be the compound interest on a sum of ₹9,000 for $1\frac{1}{2}$ years at the same rate, if the interest is compounded six-monthly?

Ans

- 1. ₹2,979
- 2. ₹2,997
- 3. ₹2,977
- 4. ₹2,799

Question ID : 6549784042

Status : **Not Answered**

Chosen Option : --

Q.14 The value of $3\frac{2}{3} \div 2\frac{1}{5}$ of $\frac{2}{3} - \frac{2}{3} \times \frac{7}{10} + \left(\frac{2}{3} \times 0.4\bar{1} \div 0.\overline{37}\right) \div 1\frac{3}{8}$ is:

Ans

1. $\frac{11}{10}$

2. $\frac{77}{30}$

3. $\frac{7}{15}$

4. $\frac{73}{18}$

Question ID : 6549784035

Status : Not Answered

Chosen Option : --

Q.15 When 6539, 7391 and 8882 are divided by the greatest number x , the remainder in each case is the same. What is the value of $(3x - 98)$?

Ans

1. 541

2. 459

3. 451

4. 547

Question ID : 6549784032

Status : Not Answered

Chosen Option : --

Q.1 A sum amounts to ₹13,920 at 9% p.a. simple interest in 5 years. What will be the amount (in ₹) on the same sum at the same rate of simple interest for 9 years?

Ans

- 1. 18,700
- 2. 14,528
- 3. 15,470
- 4. 17,376

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Question ID : 8161617882

Status : Answered

Chosen Option : 4

- Q.2** One year ago, the ratio of the ages (in years) of A and B was 4 : 3. The ratio of their ages, 3 years from now, will be 6 : 5. What will be the ratio of the ages of B and A after 8 years from now?

Ans 1. 17 : 15
 2. 15 : 17
 3. 19 : 15
 4. 15 : 19

Question ID : 8161617881

Status : Answered

Chosen Option : 2

- Q.3** The average weight of P, Q and R is 59 kg. If the average weight of P and Q is 55 kg, and that of Q and R is 58 kg, then the weight (in kg) of Q is:

Ans 1. 55
 2. 49
 3. 53
 4. 47

Question ID : 8161617876

Status : Answered

Chosen Option : 2

- Q.4** A person rows upstream a distance of 33 km in 3 hours, and downstream a distance of 100 km in 4 hours. To row a distance of 36 km in still water, how much time (in hours) he will take?

Ans 1. 5
 2. 2
 3. 3
 4. 1

Question ID : 8161617885

Status : Answered

Chosen Option : 2

- Q.5** By selling a car for ₹1,95,000, David makes a profit of 30%. What should be the selling price (in ₹) of the car, if he wishes to sell it at 40% profit?

Ans 1. 1,90,000
 2. 2,10,000
 3. 2,00,000
 4. 2,15,000

Question ID : 8161617879

Status : Answered

Chosen Option : 2

Q.6 A rhombus has one of its diagonals as 65% of the other. A square is drawn using the longer diagonal as its side. What will be the ratio of area of the square, to that of the rhombus?

- Ans 1. 18 : 11
 2. 40 : 13
 3. 11 : 18
 4. 13 : 40

Question ID : 8161617886

Status : Answered

Chosen Option : 2

Q.7 The value of $35 \div 10 - \left(\frac{7}{4} \times \frac{1}{3}\right)$ of $\frac{6}{5} + \frac{14}{3} \times \frac{9}{10} - \left(\frac{1}{5} \div \frac{1}{25}\right)$ is:

- Ans 1. $-\frac{1}{2}$
 2. 0
 3. 2
 4. -1

Question ID : 8161617875

Status : Answered

Chosen Option : 3

Q.8 When the integer n is divided by 9, the remainder is 4. What is the remainder, if $15n$ is divided by 9?

- Ans 1. 5
 2. 6
 3. 3
 4. 4

Question ID : 8161617874

Status : Answered

Chosen Option : 2

Q.9 How many bricks, each measuring $32 \text{ cm} \times 11.25 \text{ cm} \times 6 \text{ cm}$, will be needed to build a wall $8 \text{ m} \times 6 \text{ m} \times 22.5 \text{ cm}$?

- Ans 1. 6000
 2. 5000
 3. 5500
 4. 4000

Question ID : 8161617887

Status : Answered

Chosen Option : 2

Q.10 What is the HCF of $4 a^3 b^2 c^2$, $6 a^2 b^3 c$ and $8 a^3 b c^2$?

- Ans 1. $48 a^8 b^6 c^5$
 2. $8 a^3 b^3 c^2$
 3. $2 a^2 bc$
 4. $4 a^2 bc^2$

Question ID : 8161617873

Status : Answered

Chosen Option : 3

Q.11 By selling two articles for ₹780, a person gains the cost price of 4 articles. The profit percentage is:

- Ans 1. 200%
 2. 175%
 3. 150%
 4. 135%

Question ID : 8161617880

Status : Answered

Chosen Option : 2

Q.12 The marked price of a fan is ₹1,680 and it is sold for ₹1,596. The percentage discount allowed is:

- Ans 1. 5%
 2. 4%
 3. 8%
 4. 7.5%

Question ID : 8161617877

Status : Answered

Chosen Option : 2

Q.13 A can complete half of the work in 10 days, while B can do the same work in 25 days. Both work together for 10 days, and C alone completes the remaining work in 5 days. In how many days will A, B and C together complete the same work?

- Ans 1. $7\frac{1}{11}$
 2. $8\frac{1}{11}$
 3. $6\frac{1}{11}$
 4. $9\frac{1}{11}$

Question ID : 8161617884

Status : Answered

Chosen Option : 4

Q.14 The rate of interest for a sum that becomes 1.728 times of itself in 3 years, if interest being compounded annually, is:

- Ans 1. 20%
2. 15%
3. 22%
4. 25%

Question ID : 8161617883

Status : Answered

Chosen Option : 1

Q.15 A number is first increased by 20%, and then decreased by 15%. The number so obtained is 64 more than the original number. The original number is:

- Ans 1. 3200
2. 2750
3. 3500
4. 3000

Question ID : 8161617878

Status : Answered

Chosen Option : 1

Q.1 What would be the greatest value of X in the given equation?

$$5X1 + 6Y8 + 3Z3 = 1472$$

- Ans
- 1. 3
 - 2. 6
 - 3. 8
 - 4. 4

Question ID : 6549784233

Status : Answered

Chosen Option : 2

Q.2 If $(m+n) : (m-n) = 7 : 5$, then find the ratio $(m^3 + n^3) : (m^3 - n^3)$.

- Ans
- 1. 151 : 114
 - 2. 217 : 215
 - 3. 215 : 217
 - 4. 114 : 151

Question ID : 6549784240

Status : Answered

Chosen Option : 2

Q.3 A vendor sells 4 erasers for ₹1 and got a 25% profit. How many erasers did he buy for ₹1?

- Ans 1. 4
 2. 5
 3. 6
 4. 3

Question ID : 6549784239

Status : Answered

Chosen Option : 2

Q.4 A person has to put 'Swatch Bharat' posters and he is riding on a bicycle. If the bicycle wheels (each wheel) makes 5600 revolutions in riding 11 km, then the radius (in cm.) of the wheel is:

(Use $\pi = \frac{22}{7}$)

- Ans 1. 29.75
 2. 31.25
 3. 40
 4. 37.5

Question ID : 6549784246

Status : Answered

Chosen Option : 2

Q.5 Two persons are moving in the opposite directions at 40 km/h and 42 km/h. The total distance between them is 41 km.

The time (in minutes) after which they meet is:

- Ans 1. 45
 2. 30
 3. 20
 4. 25

Question ID : 6549784244

Status : Answered

Chosen Option : 2

Q.6 If $120\% \text{ of } 2125 - 80\% \text{ of } x = 150$, then the value of x is:

- Ans 1. 2500
 2. 3000
 3. 5000
 4. 4000

Question ID : 6549784234

Status : Answered

Chosen Option : 2

Q.7 After two successive discounts, a tie with a list price of ₹150 is available at ₹114.75. If the second discount is 10%, what is the first discount?

- Ans 1. 12.5%
 2. 10%
 3. 15%
 4. 17%

Question ID : 6549784236

Status : Answered

Chosen Option : 3

Q.8 A godown is in the form of a cuboid of dimensions 48 m × 40 m × 30 m. How many cuboidal boxes can be stored in it if the volume of one box is 0.8 m³?

- Ans 1. 80000
 2. 60000
 3. 72000
 4. 90000

Question ID : 6549784245

Status : Answered

Chosen Option : 3

Q.9 A gardener wants to plant trees in a garden. If the number of trees in each row is the same, and there are 105 or 210 or 315 rows, then no tree is left. The least number of trees that were planted is:

- Ans 1. 720
 2. 630
 3. 315
 4. 210

Question ID : 6549784232

Status : Answered

Chosen Option : 2

Q.10 P and Q can reap a field in 10 days, Q and R can reap it in 15 days, and P and R can reap it in 18 days. In how many days, if all three work together, can they reap 60% of the field?

- Ans 1. $6\frac{2}{5}$
 2. $5\frac{2}{5}$
 3. $4\frac{2}{5}$
 4. $7\frac{2}{5}$

Question ID : 6549784243

Status : Answered

Chosen Option : 2

Q.11 The rate of simple interest for the first 2 years is 6.5% p.a., for the next 3 years, it is 10% p.a., and for the period beyond 5 years, it is 12% p.a. If a person gets ₹1,42,200 as the total amount after 7 years, how much money (to the nearest ₹) did he invest?

- Ans 1. ₹85,150
 2. ₹87,500
 3. ₹86,000
 4. ₹85,400

Question ID : 6549784241

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.12 In expressing a length of 61,472 km as nearly as possible with three significant digits, the percentage error (correct to three decimal places) is:

- Ans 1. 0.156%
 2. 0.046%
 3. 0.136%
 4. 0.028%

Question ID : 6549784238

Status : Not Answered

Chosen Option : --

Q.13 What will a sum of ₹1,00,000 amount to in $1\frac{1}{2}$ years at 14% per annum compounded half-yearly (nearest to a ₹)?

- Ans 1. ₹1,25,042
 2. ₹1,22,504
 3. ₹1,22,045
 4. ₹1,25,402

Question ID : 6549784242

Status : Answered

Chosen Option : 2

Q.14 If A is 37% more than B and C is 29% less than the sum of A and B, then by what percentage is C more than A (correct to one decimal place)?

- Ans 1. 25.6%
 2. 19.7%
 3. 28.2%
 4. 22.8%

Question ID : 6549784237

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.15 If the average of five consecutive odd numbers is 25, then the smallest of the numbers is:

Ans

- 1. 29
- 2. 27
- 3. 31
- 4. 21

Question ID : **6549784235**

Status : **Answered**

Chosen Option : **4**

- Q.1** The curved surface area and the volume of a cylinder are 792 cm^2 and 2772 cm^3 , respectively. What is the ratio of its radius to height? (Take $\pi = \frac{22}{7}$)

- Ans 1. 18 : 7
 2. 6 : 11
 3. 11 : 6
 4. 7 : 18

Question ID : 8161618002

Status : Answered

Chosen Option : 4

- Q.2** Two successive discounts, each of $x\%$, on the marked price of an article are equal to a single discount of ₹275.12. If the marked price of the article is ₹800, then the value of x is:

- Ans 1. 17
 2. 21
 3. 19
 4. 23

Question ID : 8161617992

Status : Answered

Chosen Option : 3

- Q.3** A truck covers a distance of 384 km at a certain speed. If the speed is decreased by 16 km/h, it would have taken 2 hours more to cover the same distance. The original speed (in km/h) of the truck is:

- Ans 1. 75
 2. 64
 3. 80
 4. 48

Question ID : 8161618000

Status : Answered

Chosen Option : 2

Q.4 If 67% of a number is added to 59.4, then the result is the number itself. The number is:

- Ans 1. 210
 2. 180
 3. 240
 4. 150

Question ID : 8161617993

Status : Answered

Chosen Option : 2

Q.5 A bought an article for ₹5,200 and sold it at a loss of 30%. With this amount, he bought another article and sold it at a gain of 60%. What was his overall gain?

- Ans 1. 18%
 2. 12%
 3. 9%
 4. 15%

Question ID : 8161617995

Status : Answered

Chosen Option : 2

Q.6 The smallest number of five digits that is divisible by 5, 35, 39 and 65 is:

- Ans 1. 13650
 2. 10555
 3. 12285
 4. 10920

Question ID : 8161617988

Status : Answered

Chosen Option : 4

Q.7 What smallest fraction should be added to $3\frac{2}{3} + 6\frac{7}{12} + 4\frac{9}{36}$ to make the sum a whole number?

- Ans 1. $\frac{1}{5}$
 2. $\frac{1}{3}$
 3. $\frac{1}{2}$
 4. $\frac{1}{4}$

Question ID : 8161617990

Status : Answered

Chosen Option : 3

Q.8 The floor of a rectangular room has an area of 60 m^2 and its perimeter is 34 metres. The length of the longest stick, in metres, which can be put in this rectangular room is:

- Ans 1. 12
 2. 13
 3. 15
 4. 18

Question ID : 8161618001

Status : Answered

Chosen Option : 2

Q.9 A sum of ₹800 becomes ₹956 in 3 years at a certain rate of simple interest at $x\%$ p.a. If the rate of interest is increased to $(x + 6)\%$, what amount (in ₹) will ₹800 become in 3 years?

- Ans 1. 1,050
 2. 1,200
 3. 1,100
 4. 800

Question ID : 8161617997

Status : Answered

Chosen Option : 3

Q.10 What would be the maximum value of Q in the following equation?

$$5P9 + 3R7 + 3Q8 = 1194$$

- Ans 1. 8
 2. 9
 3. 6
 4. 7

Question ID : 8161617989

Status : Answered

Chosen Option : 4

Q.11 Two numbers are less than a third number by 29% and 37%, respectively. By what percentage is the second number less than the first (correct to two decimal places)?

- Ans 1. 12.27%
 2. 10.27%
 3. 13.27%
 4. 11.27%

Question ID : 8161617994

Status : Answered

Chosen Option : 4

Q.12 A shopkeeper borrowed a sum of ₹32,000 from a bank to renovate his house. The rate of interest is 12.5% p.a., compounded annually. At the end of two years, he cleared his loan by paying ₹20,000 and his ring. The price (in ₹) of the ring is:

- Ans 1. 18,500
 2. 19,500
 3. 20,500
 4. 21,500

Question ID : 8161617998

Status : Answered

Chosen Option : 3

Q.13 Five years ago, the ratio of the ages of A and B was 4 : 5. Seven years hence, the ratio of the ages of A and B will be 11 : 13. What is the sum of their present ages, in years?

- Ans 1. 88
 2. 65
 3. 72
 4. 82

Question ID : 8161617996

Status : Answered

Chosen Option : 4

Q.14 The ratio of the efficiencies of A, B and C to do a certain work is 2 : 3 : 5. Working together, they can complete the work in 27 days. A and B worked together for 15 days. In how many days will the remaining work be completed by C alone?

- Ans 1. 50
 2. 39
 3. 26
 4. 45

Question ID : 8161617999

Status : Answered

Chosen Option : 2

Q.15 The average monthly expenditure of a family was ₹2,500 during the first three months, ₹2,650 during the next four months, and ₹2,840 during the last five months of a year. If the total savings during the year were ₹12,700, then the average monthly income (in ₹) of the family was:

- Ans 1. 3,950
 2. 3,600
 3. 3,750
 4. 3,800

Question ID : 8161617991

Status : Answered

Chosen Option : 3

Q.4 A metallic wire is bent to form a square of area 324 m^2 . If the same wire is bent to form a semicircle (closed figure),

then the radius (in m) of the semicircle is _____. (Take $\pi = \frac{22}{7}$)

Ans 1. 7

2. 14

3. 6

4. 12

Question ID : 8161618101

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.5 The income of A is 50% more than that of B. If A got 30% increase in his income and B got 40% increase in his income, then the percentage increase in the combined incomes of A and B is:

Ans 1. 34%

2. 40%

3. 27%

4. 25%

Question ID : 8161618095

Status : Answered

Chosen Option : 1

Q.6 Two buses start from a bus terminal with a speed of 30 km/h at an interval of 8 minutes. What is the speed (in km/h) of a man coming on a bicycle from opposite direction towards the bus terminal if he meets the buses at an interval of 6 minutes?

Ans 1. 18

2. 15

3. 12

4. 10

Question ID : 8161618100

Status : Answered

Chosen Option : 3

Q.7 If $1.2 : y :: 4.8 : 7.2$, then the value of y is:

Ans 1. 2.1

2. 2.5

3. 1.6

4. 1.8

Question ID : 8161618096

Status : Answered

Chosen Option : 4

Q.8 In an election, A got 80% of the total valid votes. If 18% are invalid votes out of 1,40,000 votes, then the votes polled against A is:

- Ans 1. 90000
 2. 22960
 3. 91840
 4. 25200

Question ID : 8161618094

Status : Answered

Chosen Option : 2

Q.9 Kunal was asked to find $\frac{5}{6}$ times a number. He multiplies it by $\frac{6}{5}$. As a result, he got an answer which was more than the correct answer by 561. The number is:

- Ans 1. 1575
 2. 1530
 3. 1550
 4. 1500

Question ID : 8161618090

Status : Answered

Chosen Option : 1

Q.10 The marked price of an article is ₹660. A shopkeeper allows a discount of 20% and still gets a profit of 10%. If he sells it for ₹570.24, his profit percentage will be:

- Ans 1. 25.4%
 2. 18.8%
 3. 17.5%
 4. 20.6%

Question ID : 8161618092

Status : Answered

Chosen Option : 2

Q.11 If decreasing 120 by $x\%$ gives the same result as increasing 40 by $x\%$ then $x\%$ of 210 is more than $(x - 20)\%$ of 180 by:

(correct to nearest integer)

- Ans 1. 74%
 2. 120%
 3. 111%
 4. 94%

Question ID : 8161618093

Status : Answered

Chosen Option : 1

Q.12 If a nine-digit number $785x3678y$ is divisible by 72, then the value of $(3x - 4y)$ is:

- Ans 1. 2
 2. 12
 3. 4
 4. 5

Question ID : 8161618089

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.13 Which largest number will divide 2,042 and 233 leaving remainders 18 and 13, respectively?

- Ans 1. 88
 2. 44
 3. 22
 4. 66

Question ID : 8161618088

Status : Answered

Chosen Option : 2

Q.14 A can do a certain job in 18 days. B is 50% more efficient than A. How many days does B alone take to do the same job?

- Ans 1. 10
 2. 12
 3. 15
 4. 18

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Question ID : 8161618099

Status : Answered

Chosen Option : 2

Q.15 Three numbers are in the ratio 1 : 2 : 3. If the average of the second and the third numbers is 45, then what is the average of the first and the second numbers?

- Ans 1. 18
 2. 36
 3. $33\frac{3}{4}$
 4. 27

Question ID : 8161618091

Status : Answered

Chosen Option : 4