

Q.1 The perimeter of an equilateral triangle is $36\sqrt{3}$ cm. Find its height.

- Ans
- 1. 18 cm
 - 2. 9 cm
 - 3. 10 cm
 - 4. 6 cm

Question ID : 65497828400
Status : Answered
Chosen Option : 1

Q.2 A person crosses a 1600 m long street in 4 min. What is his speed (in km/h)?

- Ans
- 1. 22
 - 2. 14
 - 3. 20
 - 4. 24

Question ID : 65497828398
Status : Answered
Chosen Option : 4

Q.3 A chair is sold for ₹720 after giving a discount of 10% on its marked price. The cost price of the chair is ₹640. If it is sold at the marked price, then the profit percentage will be:

- Ans
- 1. 30%
 - 2. 20%
 - 3. 18%
 - 4. 25%

Question ID : 65497828407
Status : Answered
Chosen Option : 4

Q.4 What is 12% of 4% of 7% of 2×10^6 ?

- Ans
- 1. 386
 - 2. 583
 - 3. 672
 - 4. 121

Question ID : 65497828403
Status : Answered
Chosen Option : 3

Q.5 A solid metallic rectangular block of dimensions $112 \text{ cm} \times 44 \text{ cm} \times 25 \text{ cm}$ is melted and recast into a cylinder of radius 35 cm. The curved surface area (in cm^2) of the cylinder is: (Take $\pi = \frac{22}{7}$)

- Ans
- 1. 7260
 - 2. 6600
 - 3. 7040
 - 4. 6160

Question ID : 65497828413

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

Chosen Option : --

Q.6 Find the value of $45 - 3 \times (4 \text{ of } 6 + 12 \div 3 \times 6 - 4 \times 5) + 6$.

- Ans
- 1. -45
 - 2. -135
 - 3. -33
 - 4. -30

Question ID : 65497828408

Status : **Answered**

Chosen Option : 3

Q.7 By selling 36 m of jute, a shopkeeper gains an amount equal to the selling price of 12 m of jute. Find the gain percentage.

- Ans
- 1. 50%
 - 2. 40%
 - 3. 45%
 - 4. 55%

Question ID : 65497828409

Status : **Answered**

Chosen Option : 1

Q.8 Divide ₹2,760 in to two parts such that when these are invested for 2 and 4 years, respectively, at the rate of 5 % per annum simple interest, the amounts received are equal. What is the second part (in ₹) invested?

- Ans
- 1. 1,100
 - 2. 1,500
 - 3. 1,320
 - 4. 1,440

Question ID : 65497828396

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

Chosen Option : --

Q.9 A 725 m long train passes a tunnel 235 m long in 48 seconds. Find the speed of the train.

- Ans
- 1. 42 km/h
 - 2. 72 km/h
 - 3. 36 km/h
 - 4. 100 km/h

Question ID : 65497828405
Status : Answered
Chosen Option : 2

Q.10 A batsman scored 124 runs, which included 6 boundaries and 10 sixes. What percentage of his total score did he make by running between the wickets?

- Ans
- 1. $28\frac{19}{31}\%$
 - 2. $24\frac{1}{31}\%$
 - 3. $32\frac{8}{31}\%$
 - 4. $35\frac{3}{31}\%$

Question ID : 65497828390
Status : Answered
Chosen Option : 3

Q.11 The salaries of Ravi and Sumit are in the ratio 4 : 5. If the salary of each is increased by ₹6,000 the new ratio becomes 35 : 40. What will be Sumit's increased salary?

- Ans
- 1. ₹26,000
 - 2. ₹36,000
 - 3. ₹16,000
 - 4. ₹1,60,000

Question ID : 65497828399
Status : Answered
Chosen Option : 3

Q.12 Anu is four times as good as Binni in completing a task. Together they finish the same task in 7 hours. In how many hours will Anu alone complete the task?

- Ans
- 1. 22
 - 2. $35/4$
 - 3. $31/4$
 - 4. 24

Question ID : 65497828404
Status : Answered
Chosen Option : 2

Q.13 The number of students in class IX and class X is 42 and 45, respectively. The ratio of the number of boys to girls in classes IX and X is 9 : 5 and 8 : 7, respectively. What is the difference between the total number of boys and the total number of girls in both the classes taken together?

- Ans**
- 1. 11
 - 2. 12
 - 3. 17
 - 4. 15

Question ID : **65497828411**
 Status : **Answered**
 Chosen Option : **4**

Q.14 P, Q and R can complete a work in 10 days, 20 days and 30 days, respectively, working alone. How soon can the work be completed if P is assisted by Q and R on alternate days?

- Ans**
- 1. $7\frac{1}{17}$ days
 - 2. 9 days
 - 3. 5 days
 - 4. $6\frac{1}{2}$ days

Question ID : **65497828410**
 Status : **Not Answered**
 Chosen Option : **--**

Q.15 A loss of $10\frac{1}{2}\%$ gets converted into a profit of $11\frac{3}{5}\%$ when the selling price is increased by ₹132.60. The cost price (in ₹) of the article is:

- Ans**
- 1. 750
 - 2. 800
 - 3. 600
 - 4. 500

Question ID : **65497828391**
 Status : **Answered**
 Chosen Option : **3**

Q.16 The greatest number that will divide 398, 437 and 5425 leaving 7, 12 and 2 as remainders, respectively, is:

- Ans**
- 1. 11
 - 2. 15
 - 3. 17
 - 4. 19

Question ID : **65497828393**
 Status : **Answered**
 Chosen Option : **3**

Q.17 If the average of two numbers is 13 and the square root of their product is 12, then the difference between the numbers is:

- Ans 1. 10
 2. 18
 3. 8
 4. 12

Question ID : 65497828394
Status : Answered
Chosen Option : 1

Q.18 The average of 10 observations is 46. It was realised later that an observation was misread as 42 in place of 142. The correct average is:

- Ans 1. 52
 2. 46
 3. 58
 4. 56

Question ID : 65497828401
Status : Answered
Chosen Option : 4

Q.19 The ratio of A's and B's salary is 6 : 7. If B's salary is increased by $5\frac{1}{2}\%$, then his total salary becomes ₹1,47,700. The salary (in ₹) of A is:

- Ans 1. 1,10,000
 2. 1,20,000
 3. 1,40,000
 4. 1,35,000

Question ID : 65497828395
Status : Answered
Chosen Option : 2

Q.20 The certain sum amounts to ₹9,982.50 in $2\frac{1}{2}$ years at 12% p.a., interest compounded 10-monthly. The sum (in ₹) is:

- Ans 1. 8,500
 2. 7,800
 3. 8,000
 4. 7,500

Question ID : 65497828412
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.21 A nine-digit number $89563x87y$ is divisible by 72. What is the value of $\sqrt{7x - 3y}$?

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

Question ID : 65497828389
 Status : Answered
 Chosen Option : 3

Q.22 The value of $3 \times 7 + 5 - 6 \div 3 - 9 + 45 \div 5 \times 4 - 45$ is:

- Ans
- 1. 9
 - 2. 6
 - 3. 7
 - 4. 36

Question ID : 65497828397
 Status : Answered
 Chosen Option : 2

Q.23 A TV was available for ₹14,500. The price came down to ₹11,890 during the Diwali sale. What is the percentage discount?

- Ans
- 1. 19.56%
 - 2. 19%
 - 3. 18%
 - 4. 17.6%

Question ID : 65497828402
 Status : Answered
 Chosen Option : 3

Q.24 A shopkeeper sold an article at a gain of 20%. Had he bought it for 20% less than the original cost and sold it for ₹10 less, he would have gained 25%. Then the Cost Price of the article is:

- Ans
- 1. ₹50
 - 2. ₹40
 - 3. ₹60
 - 4. ₹45

Question ID : 65497828406
 Status : Answered
 Chosen Option : 1

Q.25 A certain sum amounts to ₹13200 after 4 years and to ₹16400 after 8 years at the same rate per cent p.a. at simple interest. The simple interest (in ₹) on the same sum at 10% p.a. for $3\frac{1}{5}$ years will be:

- Ans
- 1. 4000
 - 2. 3200
 - 3. 2500
 - 4. 3500

Question ID : 65497828392
Status : Answered
Chosen Option : 2