

Aptitude Question and Answer

Question1. A train running at the speed of 60 km/hr crosses a pole in 9 seconds. What is the length of the train?

1. 120 metres
2. 180 metres
3. 324 metres
4. 150 metres

Answer: Option 4

Question2. A train 125 m long passes a man, running at 5 km/hr in the same direction in which the train is going, in 10 seconds. The speed of the train is:

1. 45 km/hr
2. 50 km/hr
3. 54 km/hr
4. 55 km/hr

Answer: Option 2

Question3. The length of the bridge, which a train 130 metres long and travelling at 45 km/hr can cross in 30 seconds, is:

1. 200 m
2. 225 m
3. 245 m
4. 250 m

Answer: Option 3

Question4. Two trains running in opposite directions cross a man standing on the platform in 27 seconds and 17 seconds respectively and they cross each other in 23 seconds. The ratio of their speeds is:

1. 1 : 3
2. 3 : 2
3. 3 : 4
4. None of these

Answer: Option 2

Question5. A train passes a station platform in 36 seconds and a man standing on the platform in 20 seconds. If the speed of the train is 54 km/hr, what is the length of the platform?

1. 120 m
2. 240 m
3. 300 m
4. None of these

Answer: Option 2

Question6. A sum of Rs. 12,500 amounts to Rs. 15,500 in 4 years at the rate of simple interest. What is the rate of interest?

1. 3%
2. 4%
3. 5%
4. 6%
5. None of these

Answer: Option 4

Question7. An automobile financier claims to be lending money at simple interest, but he includes the interest every six months for calculating the principal. If he is charging an interest of 10%, the effective rate of interest becomes:

1. 10%
2. 10.25%
3. 10.5%
4. None of these

Answer: Option 2

Question8. A lent Rs. 5000 to B for 2 years and Rs. 3000 to C for 4 years on simple interest at the same rate of interest and received Rs. 2200 in all from both of them as interest. The rate of interest per annum is:

1. 5%
2. 7%
3. $7\frac{1}{8}\%$
4. 10%

Answer: Option 4

Question9. A sum of Rs. 725 is lent in the beginning of a year at a certain rate of interest. After 8 months, a sum of Rs. 362.50 more is lent but at the rate twice the former. At the end of the year, Rs. 33.50 is earned as interest from both the loans. What was the original rate of interest?

1. 3.6%
2. 4.5%
3. 5%
4. 6%
5. None of these

Answer: Option 5

Question10. A man took loan from a bank at the rate of 12% p.a. simple interest. After 3 years he had to pay Rs. 5400 interest only for the period. The principal amount borrowed by him was:

1. Rs. 2000
2. Rs. 10,000
3. Rs. 15,000
4. Rs. 20,000

Answer: Option 3

Question11. On selling 17 balls at Rs. 720, there is a loss equal to the cost price of 5 balls. The cost price of a ball is:

1. Rs. 45
2. Rs. 50
3. Rs. 55
4. Rs. 60

Answer: Option 4

Question12. When a plot is sold for Rs. 18,700, the owner loses 15%. At what price must that plot be sold in order to gain 15%?

1. Rs. 21,000
2. Rs. 22,500
3. Rs. 25,300
4. Rs. 25,800

Answer: Option 3

Question13. 100 oranges are bought at the rate of Rs. 350 and sold at the rate of Rs. 48 per dozen. The percentage of profit or loss is:

1. $14\frac{2}{7}$ % gain
2. 15 % gain
3. $14\frac{2}{7}$ % loss
4. 15 % loss

Answer: Option 1

Question14. A shopkeeper sells one transistor for Rs. 840 at a gain of 20% and another for Rs. 960 at a loss of 4%. His total gain or loss percent is:

1. $5\frac{15}{17}$ % loss
2. $5\frac{15}{17}$ % gain
3. $6\frac{2}{3}$ % gain
4. None of these

Answer: Option 2

Question15. A trader mixes 26 kg of rice at Rs. 20 per kg with 30 kg of rice of other variety at Rs. 36 per kg and sells the mixture at Rs. 30 per kg. His profit percent is:

1. No profit, no loss
2. 5%
3. 8%
4. 10%
5. None of these

Answer: Option 2

Question16. At what time, in minutes, between 3 o'clock and 4 o'clock, both the needles will coincide each other?

1. $5\frac{1}{11}$
2. $12\frac{4}{11}$
3. $13\frac{4}{11}$
4. $16\frac{4}{11}$

Answer: Option 4

Question17. How many times do the hands of a clock coincide in a day?



1. 20
2. 21
3. 22
4. 24

Answer: Option 3

Question 18. How many times in a day, the hands of a clock are straight?

1. 22
2. 24
3. 44
4. 48

Answer: Option 3

Question 19. A watch which gains uniformly is 2 minutes low at noon on Monday and is 4 min. 48 sec fast at 2 p.m. on the following Monday. When was it correct?

1. 2 p.m. on Tuesday
2. 2 p.m. on Wednesday
3. 3 p.m. on Thursday
4. 1 p.m. on Friday

Answer: Option 2

Question 20. In how many ways can the letters of the word 'LEADER' be arranged?

1. 72
2. 144
3. 360
4. 720
5. None of these

Answer: Option 3

Question 21. The difference between the length and breadth of a rectangle is 23 m. If its perimeter is 206 m, then its area is:

1. 1520 m²
2. 2420 m²
3. 2480 m²

4. 2520 m²

Answer: Option 4

Question 22. The length of a rectangle is halved, while its breadth is tripled. What is the percentage change in area?

1. 25% increase
2. 50% increase
3. 50% decrease
4. 75% decrease

Answer: Option 2

Question 23. The length of a rectangular plot is 20 metres more than its breadth. If the cost of fencing the plot @ 26.50 per metre is Rs. 5300, what is the length of the plot in metres?

1. 40
2. 50
3. 120
4. Data inadequate
5. None of these

Answer: Option 5

Question 24. A rectangular field is to be fenced on three sides leaving a side of 20 feet uncovered. If the area of the field is 680 sq. feet, how many feet of fencing will be required?

1. 34
2. 40
3. 68
4. 88

Answer: Option 4

Question 25. A tank is 25 m long, 12 m wide and 6 m deep. The cost of plastering its walls and bottom at 75 paise per sq. m, is:

1. Rs. 456
2. Rs. 458
3. Rs. 558



4. Rs. 568

Answer: Option 3

