

APTITUDE QUIZ

1. A fruit seller sold half of his stock of oranges plus half of an additional orange on a Monday, and on the next day, he sold half of the remaining oranges plus half of an additional orange. If he sold a total of 31 oranges, how many oranges did he have in the beginning?

- a) 38
- b) 32
- c) 28
- d) 26

Answer: d) 26

2. If the sum of two numbers is 45 and their difference is 11, what are the two numbers?

- a) 17 and 28
- b) 18 and 27
- c) 19 and 26
- d) 20 and 25

Answer: c) 19 and 26

3. In a class, there are 18 boys and 12 girls. If a student is chosen at random, what is the probability that the student will be a girl?

- a) $\frac{1}{2}$
- b) $\frac{2}{3}$
- c) $\frac{3}{5}$
- d) $\frac{2}{5}$

Answer: d) $\frac{2}{5}$

4. A shopkeeper marks his goods at a 20% profit on the cost price. He then offers a 10% discount on the marked price. What is his profit percentage?

- a) 10%
- b) 12%
- c) 14%
- d) 16%

Answer: b) 12%

5. The ratio of the length to the width of a rectangle is 3:2. If the perimeter of the rectangle is 50 cm, what is the length of the rectangle?

- a) 15 cm
- b) 18 cm
- c) 20 cm
- d) 25 cm

Answer: b) 18 cm

6. A man can row a boat 7 km/h in still water. If he rows upstream at 5 km/h and downstream at 9 km/h, what is the speed of the current?

- a) 1 km/h
- b) 2 km/h
- c) 3 km/h
- d) 4 km/h

Answer: a) 1 km/h

7. If $3x + 4y = 12$ and $5x - 2y = 4$, what is the value of $x + y$?

- a) 2
- b) 3
- c) 4
- d) 5

Answer: b) 3

8. The average of five numbers is 24. If one number is excluded, the average becomes 22. What is the excluded number?

- a) 10
- b) 12
- c) 14
- d) 16

Answer: c) 14

9. If 7 men can do a piece of work in 16 days, how many days will it take for 4 men to do the same work?

- a) 16
- b) 28
- c) 32
- d) 44

Answer: b) 28

10. A train covers a distance of 360 km in 5 hours. If it travels at a speed of 70 km/h for the first two hours and at a speed of 60 km/h for the remaining time, what is the total distance it travels at 60 km/h?

- a) 120 km
- b) 140 km
- c) 160 km
- d) 180 km

Answer: d) 180 km