

APTITUDE QUIZ

1. What is the next number in the series? 2, 5, 10, 17, 26, _____

- a. 35
- b. 36
- c. 37
- d. 38

ANSWER: C

2. A train traveling at 60 km/h takes 6 seconds to cross a pole. What is the length of the train?

- a. 100 meters
- b. 120 meters
- c. 140 meters
- d. 160 meters

ANSWER: B

3. If $a+b=7$ and $a-b=1$, what is the value of a ?

- a. 3
- b. 4
- c. 5
- d. 6

ANSWER: B

4. In a group of 100 people, 40% of them have cats and 25% of them have dogs. What percentage of the group has both cats and dogs?

- a. 10%
- b. 15%
- c. 20%
- d. 25%

ANSWER: A

5. A recipe calls for $\frac{2}{3}$ cup of sugar to make 12 cookies. How much sugar is needed to make 24 cookies?

- a. 1 cup
- b. 1 and $\frac{1}{3}$ cups
- c. 1 and $\frac{1}{2}$ cups
- d. 2 cups

ANSWER: B

6. If the length and breadth of a rectangular garden are in the ratio of 3:2, and its area is 750 square meters, what is the length of the garden?

- A) 25 meters
- B) 30 meters
- C) 35 meters
- D) 40 meters

ANSWER: B

7. A train travels from point A to point B at a speed of 60 km/h and returns to point A at a speed of 40 km/h. What is the average speed of the entire journey?

- A) 45 km/h
- B) 48 km/h
- C) 50 km/h
- D) 52 km/h

ANSWER: A

8. A man bought some oranges at the rate of 5 for Rs. 10 and an equal number at the rate of 4 for Rs. 10. He mixed them and sold them at the rate of 9 for Rs. 20. What is his profit percentage?

- A) 25%
- B) 33.33%
- C) 40%
- D) 50%

ANSWER: B

9. The average age of a group of 20 people is 30 years. If 5 new people with an average age of 25 years are added to the group, what is the new average age of the entire group?

- A) 28 years
- B) 28.5 years
- C) 29 years
- D) 29.5 years

ANSWER: C

10. A boat travels 30 km upstream in 5 hours and 42 km downstream in 6 hours. What is the speed of the boat in still water and the speed of the current?

- A) Speed of boat = 16 km/h, Speed of current = 4 km/h
- B) Speed of boat = 18 km/h, Speed of current = 3 km/h
- C) Speed of boat = 20 km/h, Speed of current = 5 km/h
- D) Speed of boat = 22 km/h, Speed of current = 2 km/h

ANSWER: A