

## APTITUDE QUIZ

1. A train travels 300 meters in 20 seconds. What is the speed of the train in km/h?

- a) 45 km/h
- b) 54 km/h
- c) 65 km/h
- d) 72 km/h

**ANSWER: B**

2. A person invested a certain amount at the rate of 8% per annum. If he gets Rs. 560 as interest after three years, what was the amount invested?

- a) Rs. 1800
- b) Rs. 2000
- c) Rs. 2250
- d) Rs. 2500

**ANSWER: B**

3. A bag contains 3 red balls, 4 green balls, and 5 blue balls. If two balls are selected at random, what is the probability that at least one ball is blue?

- a)  $11/20$
- b)  $7/20$
- c)  $9/20$
- d)  $1/4$

**ANSWER: A**

4. If the area of a square is 121 sq cm, what is the length of its diagonal?

- a) 11 cm
- b) 22 cm
- c) 121 cm
- d) 169 cm

**ANSWER: A**

5. If A is 40% more than B, then by what percentage is B less than A?

- a) 28.57%
- b) 33.33%
- c) 37.5%
- d) 40%

**ANSWER: C**

6. A train 200 meters long passes a pole in 15 seconds. What is the speed of the train in km/h?

- a) 48 km/h
- b) 54 km/h
- c) 64 km/h
- d) 72 km/h

**ANSWER: B**

7. In a class of 40 students, 18 play cricket, 24 play football, and 6 play both cricket and football. How many students play only cricket?

- a) 12
- b) 18
- c) 24
- d) 30

**ANSWER: A**

8. The sum of three consecutive odd numbers is 63. What is the smallest of these numbers?

- a) 19
- b) 21
- c) 23
- d) 25

**ANSWER: B**

9. A cube of side 4 cm is cut into smaller cubes of side 1 cm. How many smaller cubes can be obtained?

- a) 8
- b) 16
- c) 24
- d) 64

**ANSWER: D**

10. If  $x - y = 3$  and  $x^2 + y^2 = 25$ , what is the value of  $xy$ ?

- a) 5
- b) 6
- c) 7
- d) 8

**ANSWER: A**