Quantitative Aptitude Model Questions with Answer Key - Set 1

1. What is the value of (15 × 6) - (4 ÷ 2) + 8?

A) 82

B) 88

C) 90

D) 92

Answer: B) 88

2. If 40% of a number is 80, what is the number?

A) 100

B) 150

C) 200

D) 250

Answer: C) 200

3. The average of five numbers is 35. If one of the numbers is removed, the average becomes 32.

What is the value of the removed number?

A) 47

B) 43

C) 42

D) 39

Answer: B) 43

4. If a car travels 240 km in 4 hours, what is the average speed of the car?

A) 50 km/hr

B) 55 km/hr

C) 60 km/hr

D) 65 km/hr

Answer: C) 60 km/hr

5. What is 25% of 640?

A) 120

B) 140

C) 160

D) 180

Answer: C) 160

6. A man buys a table for Rs. 400 and sells it for Rs. 480. What is the profit percentage?

A) 15%

B) 20%

C) 25%

D) 30%

Answer: B) 20%

7. Find the compound interest on Rs. 5000 at 10% per annum for 2 years.

A) Rs. 1000

B) Rs. 1050

C) Rs. 1100

D) Rs. 1210

Answer: D) Rs. 1210

8. If a train runs at a speed of 60 km/hr, how much distance will it cover in 3 hours?

A) 120 km

B) 150 km

C) 180 km

D) 200 km

Answer: C) 180 km

9. A sum of money doubles itself in 8 years at simple interest. What is the rate of interest per annum?

A) 10%

B) 11.5%

C) 12.5%

D) 15%

Answer: C) 12.5%

10. What is the least common multiple (LCM) of 12, 15, and 20?

A) 60

B) 120

C) 180

D) 240

Answer: B) 120

11. If a man can do a piece of work in 10 days, how much work will he complete in 4 days?

A) 20%

B) 30%

C) 40%

D) 50%

Answer: D) 50%

12. What is the value of (8 + 4) × 5 - (10 ÷ 2)?

A) 50

B) 55

C) 60

D) 65

Answer: B) 55

13. A person saves Rs. 5000 per month. How much will he save in one year?

A) Rs. 50,000

B) Rs. 55,000

C) Rs. 60,000

D) Rs. 65,000

Answer: C) Rs. 60,000

14. If 12 men can complete a work in 8 days, how long will it take 16 men to complete the same work?

A) 5 days

B) 6 days

C) 7 days

D) 8 days

Answer: B) 6 days

15. Find the simple interest on Rs. 6000 at 5% per annum for 3 years.

A) Rs. 800

B) Rs. 900

C) Rs. 1000

D) Rs. 1200

Answer: D) Rs. 1200

16. The ratio of ages of two people is 3:5. If the sum of their ages is 64, what is the age of the younger person?

A) 18

B) 20

C) 24

D) 26

Answer: B) 24

17. What is the cube root of 343?

A) 5

B) 6

C) 7

D) 8

Answer: C) 7

18. The average of 4, 7, 10, and x is 9. Find the value of x.

A) 15

B) 16

C) 17

D) 18

Answer: B) 16

19. If the perimeter of a square is 40 cm, what is the area of the square?

A) 80 cm²

B) 100 cm²

C) 120 cm²

D) 160 cm²

Answer: B) 100 cm²

20. The product of two numbers is 720 and their ratio is 4:5. Find the numbers.

A) 24 and 30

B) 28 and 32

C) 36 and 45

D) 40 and 48

Answer: A) 24 and 30