Quantitative Aptitude Model Questions with Answer Key - Set 2

1. What is the value of (18 × 5) + (3 ÷ 3) - 7?

A) 83

B) 85

C) 87

D) 90

Answer: A) 83

2. If 30% of a number is 90, what is the number?

A) 200

B) 250

C) 300

D) 350

Answer: C) 300

3. The average of six numbers is 50. If one of the numbers is removed, the average becomes 45.

What is the value of the removed number?

A) 70

B) 75

C) 80

D) 85

Answer: C) 80

4. If a bike covers 150 km in 3 hours, what is the average speed of the bike?

A) 45 km/hr

B) 50 km/hr

C) 55 km/hr

D) 60 km/hr

Answer: D) 60 km/hr

5. What is 12.5% of 480?

A) 50

B) 55

C) 60

D) 70

Answer: C) 60

6. A man buys an article for Rs. 600 and sells it for Rs. 750. What is the profit percentage?

A) 20%

B) 25%

C) 30%

D) 35%

Answer: B) 25%

7. Find the simple interest on Rs. 8000 at 8% per annum for 3 years.

A) Rs. 1800

B) Rs. 1920

C) Rs. 2000

D) Rs. 2100

Answer: B) Rs. 1920

8. If a train runs at a speed of 45 km/hr, how much time will it take to cover 225 km?

A) 3 hours

B) 4 hours

C) 5 hours

D) 6 hours

Answer: C) 5 hours

9. A sum of money becomes four times in 12 years at simple interest. What is the rate of interest per annum?

A) 10%

B) 12.5%

C) 15%

D) 25%

Answer: B) 12.5%

10. What is the greatest common divisor (GCD) of 54, 72, and 108?

A) 6

B) 9

C) 12

D) 18

Answer: D) 18

11. If a man can do a piece of work in 12 days, how much work will he complete in 5 days?

A) 30%

B) 40%

C) 50%

D) 60%

Answer: D) 60%

12. What is the value of $(10 + 3) \times 4 - (6 \div 3)$?

A) 52

B) 54

C) 56

D) 58

Answer: A) 52

13. A person deposits Rs. 3000 per month in a bank. How much will he deposit in two years?

A) Rs. 60,000

B) Rs. 66,000

C) Rs. 72,000

D) Rs. 78,000

Answer: C) Rs. 72,000

14. If 10 workers can complete a task in 15 days, how long will it take for 15 workers to complete the same task?

A) 8 days

B) 10 days

C) 12 days

D) 15 days

Answer: B) 10 days

15. Find the compound interest on Rs. 10,000 at 5% per annum for 3 years.

A) Rs. 1576.25

B) Rs. 1625

C) Rs. 1750

D) Rs. 1800

Answer: A) Rs. 1576.25

16. The ratio of ages of two brothers is 2:3. If the sum of their ages is 25, what is the age of the younger brother?

A) 10

B) 12

C) 15

D) 18

Answer: A) 10

17. What is the square root of 576?

A) 20

B) 22

C) 24

D) 26

Answer: C) 24

18. The average of 6, 10, 14, and y is 12. Find the value of y.

A) 16

B) 18

C) 20

D) 22

Answer: A) 16

19. If the perimeter of a rectangle is 60 cm and its length is 20 cm, what is its width?

A) 5 cm

B) 10 cm

C) 15 cm

D) 20 cm

Answer: B) 10 cm

20. The product of two numbers is 360 and their ratio is 3:4. Find the numbers.

A) 15 and 20

B) 18 and 24

C) 20 and 25

D) 24 and 30

Answer: B) 18 and 24

21. If 50% of a number is 75, what is 20% of the number?

A) 20

B) 25

C) 30

D) 35

Answer: C) 30

22. What is the value of $(5 \times 5) + (7 \times 3) - (2 \div 1)$?

A) 40

B) 41

C) 42

D) 43

Answer: B) 41

23. A man buys 5 dozen apples at Rs. 24 per dozen. How much does he pay in total?

A) Rs. 100

B) Rs. 120

C) Rs. 144

D) Rs. 150

Answer: C) Rs. 144

24. Find the LCM of 18, 24, and 30.

A) 72

B) 108

C) 120

D) 144

Answer: C) 120

25. If a man can complete a task in 9 days, how much work will be left after he works for 4 days?

A) 45%

B) 50%

C) 55%

D) 60%

Answer: D) 60%

26. What is the value of $(20 \div 5) \times (4 + 6)$?

A) 36

B) 38

C) 40

D) 42

Answer: C) 40

27. A sum of Rs. 1500 is divided between A and B in the ratio of 2:3. What is B's share?

A) Rs. 500

B) Rs. 600

C) Rs. 900

D) Rs. 1000

Answer: C) Rs. 900

28. What is the cube of 8?

A) 64

B) 128

C) 256

D) 512

Answer: D) 512

29. The average of 2, 6, 10, 14, and z is 12. Find the value of z.

A) 20

B) 22

C) 24

D) 26

Answer: B) 22

30. If the area of a square is 81 cm², what is the perimeter of the square?

A) 24 cm

B) 28 cm

C) 36 cm

D) 40 cm

Answer: C) 36 cm