

RRB Exams: Arithmetic Practice Questions for Exam Preparation (2024) Set

1. If the cost of 7 books is INR 350, what is the cost of 12 books?

A) INR 500

B) INR 600

C) INR 700

D) INR 750

Answer: B) INR 600

2. A train covers a distance of 540 km in 9 hours. What is the speed of the train?

A) 50 km/h

B) 55 km/h

C) 60 km/h

D) 65 km/h

Answer: C) 60 km/h

3. If 15 workers can build a wall in 10 days, how many days will it take for 10 workers to build the same wall?

A) 12 days

B) 15 days

C) 18 days

D) 20 days

Answer: B) 15 days

4. Simplify: $(245 + 355) \div 10$

A) 50

B) 55

C) 60

D) 65

Answer: C) 60

5. The sum of two numbers is 320, and their difference is 80. What is the larger number?

A) 180

B) 200

C) 220

D) 240

Answer: C) 220

6. What is the simple interest on INR 20,000 at 10% per annum for 3 years?

A) INR 6,000

B) INR 7,000

C) INR 8,000

D) INR 9,000

Answer: A) INR 6,000

7. A person buys a bicycle for INR 4,500 and sells it at a profit of 20%. What is the selling price of the bicycle?

A) INR 5,200

B) INR 5,400

C) INR 5,600

D) INR 5,700

Answer: B) INR 5,400

8. If $5y + 3 = 28$, what is the value of y ?

A) 4

B) 5

C) 6

D) 7

Answer: C) 5

9. The average of five consecutive numbers is 47. Find the largest of these numbers.

A) 48

B) 49

C) 50

D) 51

Answer: B) 49

10. A car travels 150 km in 3 hours. What is its average speed in km/h?

A) 40 km/h

B) 45 km/h

C) 50 km/h

D) 55 km/h

Answer: C) 50 km/h

11. If 10 notebooks cost INR 300, how much will 25 notebooks cost?

A) INR 650

B) INR 700

C) INR 750

D) INR 800

Answer: C) INR 750

12. Two trains, each 200 meters long, are running in opposite directions at 60 km/h and 40 km/h respectively. How long will it take for them to cross each other?

A) 12 seconds

B) 14 seconds

C) 16 seconds

D) 18 seconds

Answer: C) 16 seconds

13. If a man spends 60% of his income and saves INR 4,000, what is his total income?

A) INR 8,000

B) INR 10,000

C) INR 12,000

D) INR 15,000

Answer: B) INR 10,000

14. Simplify: $\frac{5}{6} + \frac{3}{4} - \frac{2}{5}$

A) $\frac{23}{30}$

B) $\frac{31}{30}$

C) $\frac{37}{30}$

D) $\frac{41}{30}$

Answer: C) $\frac{37}{30}$

15. If the ratio of two numbers is 4:5 and their sum is 180, what are the numbers?

A) 72, 90

B) 80, 100

C) 85, 95

D) 88, 92

Answer: A) 72, 90

16. A pipe can fill a tank in 7 hours, and another pipe can empty it in 14 hours. If both pipes are opened, how long will it take to fill the tank?

A) 10 hours

B) 12 hours

C) 14 hours

D) 16 hours

Answer: B) 14 hours

17. Find the value of: $360 \times 15 \div 12$

A) 400

B) 450

C) 500

D) 550

Answer: B) 450

18. If the perimeter of a rectangle is 100 cm and its length is 30 cm, what is its width?

A) 20 cm

B) 25 cm

C) 30 cm

D) 35 cm

Answer: B) 20 cm

19. A train passes a tunnel of 150 meters in 30 seconds and a pole in 10 seconds. Find the length of the train.

A) 100 m

B) 120 m

C) 150 m

D) 180 m

Answer: A) 100 m

20. The price of a mobile phone is increased by 10% and then decreased by 5%. If the original price

was INR 20,000, what is the final price?

A) INR 20,900

B) INR 21,000

C) INR 21,500

D) INR 22,000

Answer: A) INR 20,900