

Aptitude Test

1. Express a speed of 36 kmph in meters per

second? A. 10 mps

B. 12 mps

C. 14 mps

D. 17 mps

2. Express 25 mps in kmph?

A. 15 kmph

B. 99 kmph

3. The speed of a train is 90 kmph. What is the distance covered by it in 10 minutes?

4. A car covers a distance of 624 km in $6\frac{1}{2}$ hours. Find its

speed? A. 104 kmph

- B. 140 kmph
- C. 104 mph
- D. 10.4 kmph

Answer: Option A

5. A and B complete a work in 6 days. A alone can do it in 10 days. If both together can do the work in how many days?

- A. 3.75 days
- B. 4 days
- C. 5 days
- D. 6 days

Answer: Option A

6. A can do a piece of work in 4 days. B can do it in 5 days. With the assistance of C they completed the work in 2 days. Find in how many days can C alone do it?

- A. 10 days
- B. 20 days
- C. 5 days
- D. 4 days

Answer: Option B

7. A, B and C can do a piece of work in 24, 30 and 40 days respectively. They start the work together but C leaves 4 days before the completion of the work. In how many days is the work done?

- A. 15 days
- B. 14 days

C. 13 days

D. 11 days

Answer: Option D

8. 5 men and 12 boys finish a piece of work in 4 days, 7 men and 6 boys do it in 5 days. The ratio between the efficiencies of a man and boy is?

A. 1:2

B. 2:1

C. 2:3

D. 6:5

Answer: Option D

9. A and B can finish a work in 16 days while A alone can do the same work in 24 days. In how many days B alone will complete the work?

A. 56

B. 48

C. 36

D. 58

Answer: Option B

10. Some persons can do a piece of work in 12 days. Two times the number of these people will do half of that work in?

A. 3 days

B. 4 days

C. 6 days

D. 12 days

Answer: Option A

11. What number has a 5:1 ratio to the number

10? A. 42

B. 50

C. 55

D. 62

Answer: Option B

12. Two same glasses are respectively $\frac{1}{4}$ th $\frac{1}{5}$ th full of milk. They are then filled with water and the contents mixed in a tumbler. The ratio of milk and water in the tumbler is?

A. 3:8

B. 9:31

C. 8:21

D. 10:27

Answer: Option B

13. A and B entered into a partnership investing Rs.25000 and Rs.30000 respectively. After 4 months C also joined the business with an investment of Rs.35000. What is the share of C in an annual profit of Rs.47000?

A. Rs.18000

B. Rs.15000

C. Rs.17000

D. Rs.14000

Answer: Option D

14. In how many years does a sum of Rs. 5000 yield a simple interest of Rs. 16500 at 15% p.a.?

A. 22

B. 24

C. 25

D. 23

Answer: Option A

15. The radius of a circle is increased by 1%. Find how much % does its area increases?

A. 1.01%

B. 5.01%

C. 3.01%

D. 2.01%

Answer: Option D