## Mathematics

- 1. Express a speed of 36 kmph in meters per second?
- A. 10 mps B. 12 mps C. 14 mps D. 17 mps Answer:

Option A 2. Express 25 mps in kmph? A. 15 kmph

- B. 99 kmph
- C. 90 kmph
- D. None

Answer: Option C 3. The speed of a train is 90 kmph. What is the distance

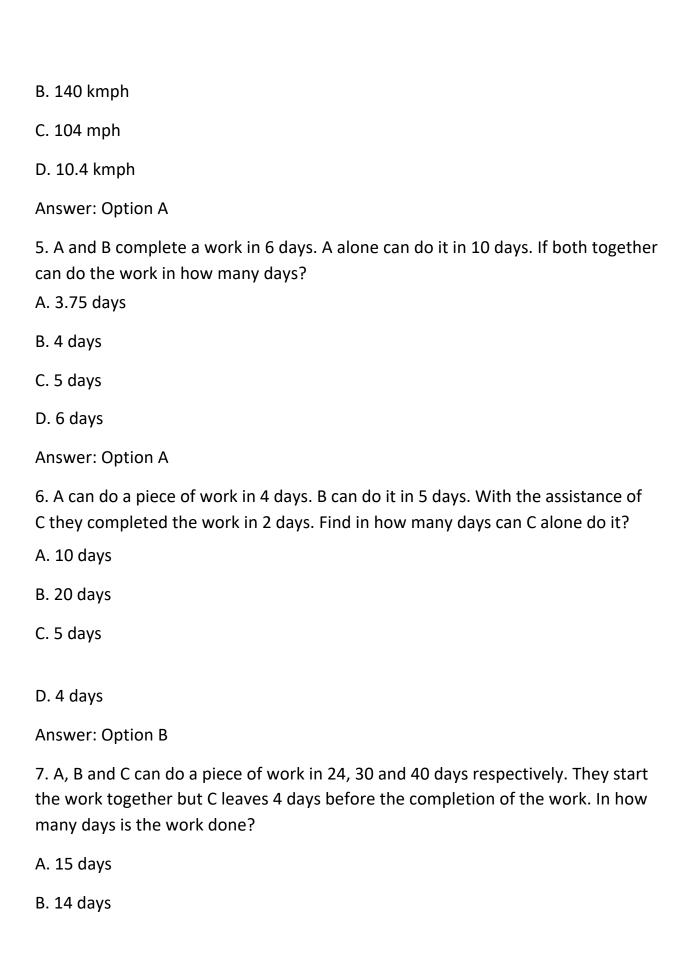
covered by it in 10

minutes?

- A. 15 kmph
- B. 12 kmph
- C. 10 kmph
- D. 5 kmph

Answer: Option A

- 4. A car covers a distance of 624 km in 6 ½ hours. Find its speed?
- A. 104 kmph



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 1/4th 1/5th 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