

- B. 12 minutes
- C. 15 minutes
- D. 25 minutes

**16. Each of the six different faces of a cube has been coated with a different colour i.e. V, I, B, G, Y and O. Following information is given:**

1. Colours Y, O and B are on adjacent faces.
2. Colours I, G and Y are on adjacent faces.
3. Colours I, G and Y are on adjacent faces.
4. Colours O, V and B are on adjacent faces.

◦ Which is the colour of the face opposite to the face coloured with O?

- A. B
- B. V
- C. G
- D. I

**17. A student has to opt for 2 subjects out of 5 subjects for a course, namely, Commerce, Economics, Statistics, Mathematics I and Mathematics II. Mathematics II can be offered only if Mathematics I is also opted. The number of different combinations of two subjects which can be opted is**

- A. 5
- B. 6
- C. 7
- D. 8

**18. A van starts with the speed of 60 kmph with its speed increasing every three hours by 10 kmph. In how many hours will it cover 470 km?**

- A. 4 hours.
- B. 5 hours.
- C. 6 hours
- D. 7 hours.

**19. The Compound interest on a certain sum for 2 years is Rs. 1512 and Simple interest is Rs.1440. If the sum is invested such that the SI is Rs. 2592 and the number of years is equal to the rate of interest per annum, then find the rate?**

- A. 5 %
- B. 6 %
- C. 7 %
- D. 8 %