

Started on Tuesday, 28 October 2025, 10:21 AM**State** Finished**Completed on** Tuesday, 28 October 2025, 10:31 AM**Time taken** 9 mins 57 secs**Marks** 6.00/10.00**Grade** 60.00 out of 100.00**Question 1**

Complete

Mark 1.00 out of 1.00

A box contains 5 red, 4 green, and 3 blue balls. Two balls are drawn at random. What is the probability that both are of the same color?

- ☒ a. 19/66
- ☐ b. 1/11
- ☐ c. 17/66
- ☐ d. 14/55

Question 2

Complete

Mark 1.00 out of 1.00

A sum of ₹12,000 is invested at 10% per annum. What will be the difference between compound interest and simple interest after 2 years?

- ☒ a. ₹120
- ☐ b. ₹240
- ☐ c. ₹264
- ☐ d. ₹144

Question 3

Complete

Mark 1.00 out of 1.00

A train covers a distance of 300 km at an average speed of 60 km/h. If the speed had been 75 km/h, how much time would have been saved?

- ☐ a. 30 minutes
- ☐ b. 45 minutes
- ☐ c. 40 minutes
- ☒ d. 1 hour

Question 4

Complete

Mark 1.00 out of 1.00

At what time between 2 and 3 o'clock will the hands of the clock be at 180° to each other?

- ☐ a. 2:18:00
- ☒ b. 2:16:21
- ☐ c. 2:27:16
- ☐ d. 2:10:55

Question 5

Complete

Mark 1.00 out of 1.00

Find the next number in the series: 2, 9, 28, 65, 126, ?

- ☐ a. 195
- ☐ b. 219
- ☐ c. 221
- ☒ d. 217

Question 6

Complete

Mark 0.00 out of 1.00

In a certain code, READ is written as UGDG, and BOOK as ESRN. How is PENS written?

- ☐ a. SHQV
- ☐ b. SJQV
- ☒ c. SHPV
- ☐ d. SHQU

Question 7

Complete

Mark 0.00 out of 1.00

In a class of 60 students, the average score is 70. If the top 10 students have an average of 90, what is the average of the remaining students?

- ☐ a. 65
- ☐ b. 66.67
- ☐ c. 68.33
- ☒ d. 70

Question 8

Complete

Mark 1.00 out of 1.00

In how many ways can the letters of the word PROBLEM be arranged such that the vowels are always together?

- ☒ a. 1440
- ☐ b. 2160
- ☐ c. 720
- ☐ d. 4320

Question 9

Complete

Mark 0.00 out of 1.00

The radius of a cylinder is increased by 10% and height is decreased by 10%. What is the percentage change in volume?

- ☐ a. Increase by 0.9%
- ☐ b. Decrease by 0.9%
- ☒ c. Decrease by 1%
- ☐ d. No change

Question 10

Complete

Mark 0.00 out of 1.00

What day of the week will 1st January 2040 fall on?

- ☒ a. Wednesday
- ☐ b. Tuesday
- ☐ c. Sunday
- ☐ d. Monday