

Started on	Monday, 27 October 2025, 3:47 PM
State	Finished
Completed on	Monday, 27 October 2025, 3:57 PM
Time taken	10 mins 13 secs
Marks	4.00/10.00
Grade	40.00 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. 17/66
- ☐ c. 1/11
- ☐ 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. ₹144
- ☐ b. ₹264
- ☐ c. ₹240
- ☒ d. ₹120

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

Question 4

Complete

Mark 0.00 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. 2:27:16
- ☐ b. 2:16:21
- ☐ c. 2:10:55
- ☐ d. 2:18:00

Question 5

Complete

Mark 0.00 out of 1.00

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

- ☒ a. 221
- ☐ b. 195
- ☐ c. 219
- ☐ 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. SJQV
- ☒ b. SHPV
- ☐ c. SHQV
- ☐ d. SHQU

Question 7

Complete

Mark 1.00 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. 70
- ☒ b. 66.67
- ☐ c. 65
- ☐ d. 68.33

Question 8

Not answered

Marked 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. 4320
- ☐ b. 2160
- ☐ c. 1440
- ☐ d. 720

Question 9

Not answered

Marked 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

Not answered

Marked out of 1.00

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

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