

**Started on** Monday, 27 October 2025, 9:05 PM**State** Finished**Completed on** Monday, 27 October 2025, 9:11 PM**Time taken** 6 mins 1 sec**Marks** 5.00/10.00**Grade** 50.00 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. 17/66
- ☐ b. 14/55
- ☐ c. 1/11
- ☒ d. 19/66

**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. ₹240
- ☒ c. ₹120
- ☐ d. ₹264

**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. 40 minutes
- ☐ d. 30 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  $180^\circ$  to each other?

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

**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. 217
- ☐ c. 195
- ☒ d. 219

**Question 6**

Complete

Mark 1.00 out of 1.00

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

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

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

**Question 8**

Complete

Mark 0.00 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. 4320
- ☐ c. 2160
- ☒ d. 720

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

**Question 10**

Complete

Mark 1.00 out of 1.00

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

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