Started on	Friday, 13 June 2025, 11:31 AM
State	Finished
Completed on	Friday, 13 June 2025, 11:40 AM
Time taken	9 mins 45 secs
Marks	8.00/15.00
Grade	**53.33** out of 100.00

Question 1

Complete

Mark 0.00 out of 1.00

A and B together can complete a task in 10 days. A alone can complete it in 15 days. In how many days can B complete the task working alone?

- ◉ a.   20
- ○ b.   30
- ○ c.   40
- ○ d.   25

Question 2

Complete

Mark 0.00 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.   1/11
- ◉ b.   17/66
- ○ c.   19/66
- ○ d.   14/55

Question 3

Complete

Mark 1.00 out of
1.00

A salary is increased by 20% and then decreased by 20%. What is the net change in salary?

- ◉ a. 4% decrease
- ○ b. 2% decrease
- ○ c. No change
- ○ d. 4% increase

Question 4

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. ₹240
- ◉ b. ₹120
- ○ c. ₹264
- ○ d. ₹144

Question 5

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 6

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. 2:10:55
- d. 2:27:16

Question 7

Not answered

Marked out of 1.00

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

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

Question 8

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. SHQV
- b. SHPV
- c. SJQV
- d. SHQU

Question 9

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.   68.33
- ◉ c.   66.67
- ○ d.   65

Question 10

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.   2160
- ○ c.   4320
- ◉ d.   720

Question 11

Complete

Mark 0.00 out of 1.00

Only one of the three friends A, B, and C is telling the truth. What is the color of each person's shirt?

- ○ a.   A-Green, B-Red, C-Blue
- ○ b.   A-Blue, B-Red, C-Green
- ◉ c.   A-Red, B-Green, C-Blue
- ○ d.   A-Red, B-Blue, C-Green

Question 12

Complete

Mark 1.00 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.   No change
- ○ b.   Increase by 0.9%
- ◉ c.   Decrease by 0.9%
- ○ d.   Decrease by 1%

Question 13

Complete

Mark 0.00 out of 1.00

The ratio of A's and B's ages is 3:4. After 5 years, the ratio becomes 4:5. What is A's current age?

- ◉ a.   20
- ○ b.   25
- ○ c.   30
- ○ d.   15

Question 14

Complete

Mark 0.00 out of 1.00

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

- ○ a.   Tuesday
- ◉ b.   Wednesday
- ○ c.   Sunday
- ○ d.   Monday

Question 15

Complete

Mark 1.00 out of 1.00

A company has 5 departments. The table shows the number of employees and average salary in each department:

Department	Employees	Avg Salary (₹)
HR	50	30,000
IT	100	45,000
Finance	75	50,000
Sales	125	40,000
Admin	30	35,000

What is the total monthly salary expense of the company?

- ○ a. ₹10,250,000
- ○ b. ₹10,000,000
- ○ c. ₹9,525,000
- ⦿ d. ₹9,750,000