Started on	Friday, 13 June 2025, 11:29 AM
State	Finished
Completed on	Friday, 13 June 2025, 11:39 AM
Time taken	10 mins
Marks	3.00/15.00
Grade	**20.00** out of 100.00

Question 1

Not answered

Marked 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. 30
- b. 40
- c. 25
- d. 20

Question 2

Not answered

Marked 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. 1/11
- c. 14/55
- d. 19/66

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

Question 4

Not answered

Marked 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. ₹264
- b. ₹144
- c. ₹120
- d. ₹240

Question 5

Not answered

Marked 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 6

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. 2:18:00
- d. 2:10:55

Question 7

Complete

Mark 0.00 out of 1.00

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

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

Question 8

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. SHQU
- ○ d. SHQV

Question 9

Not answered

Marked 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. 66.67
- ○ b. 70
- ○ c. 68.33
- ○ 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. 720
- ○ b. 1440
- ○ c. 4320
- ○ d. 2160

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

Question 12

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 1%

○ c.   Decrease by 0.9%

○ d.   No change

Question 13

Complete

Mark 1.00 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.   15

○ b.   20

○ c.   30

○ d.   25

Question 14

Complete

Mark 0.00 out of 1.00

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

○ a.   Monday

⦿ b.   Sunday

○ c.   Tuesday

○ d.   Wednesday

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.   ₹10,000,000

⦿ b.   ₹9,750,000

○ c.   ₹10,250,000

○ d.   ₹9,525,000