Started on	Tuesday, 2 December 2025, 1:04 PM
State	Finished
Completed on	Tuesday, 2 December 2025, 1:18 PM
Time taken	14 mins 41 secs
Marks	11.00/15.00
Grade	**73.33** out of 100.00

Question 1

Not answered

Marked out of 1.00

A box contains digits {1,2,3,4,5}. How many 3-digit numbers without repetition are divisible by 3?

- a. 30
- b. 20
- c. 18
- d. 24

Question 2

Complete

Mark 1.00 out of 1.00

A cube is painted on all 6 sides and cut into 64 smaller cubes. How many cubes have exactly 1 face painted?

- a. 32
- b. 48
- c. 16
- ● d. 24

Question 3

Complete

Mark 1.00 out of 1.00

A man invested money at 10% simple interest. After 3 years, he got ₹1500 interest. How much should he invest for 5 years at same rate to get ₹5000 interest?

- a. 12000
- b. 8000
- c. 15000
- ● d. 10000

Question 4

Complete

Mark 1.00 out of 1.00

A number is increased by 10% and then decreased by 10%. Net effect?

- ○ a.   -0.5%
- ○ b.   +0.5%
- ● c.   -1%
- ○ d.   +1%

Question 5

Complete

Mark 0.00 out of 1.00

A number is such that when its digits are reversed, the new number is 27 more than the original number. If the sum of the digits is 11, what is the number?

- ○ a.   56
- ○ b.   83
- ● c.   47
- ○ d.   74

Question 6

Complete

Mark 1.00 out of 1.00

A pipe fills a tank in 12 hours. Another pipe empties the same tank in 18 hours. If both pipes are opened for 6 hours and then the outlet pipe is closed, how long will it take to fill the remaining tank?

- ○ a.   9 hours
- ● b.   10 hours
- ○ c.   15 hours
- ○ d.   12 hours

Question 7

Complete

Mark 1.00 out of 1.00

A shopkeeper mixes two types of rice ₹40/kg and ₹60/kg in the ratio 2:3. What should be the selling price per kg to gain 20%?

- ○ a.   ₹56
- ● b.   ₹63
- ○ c.   ₹71
- ○ d.   ₹59

Question 8

Complete

Mark 1.00 out of 1.00

A two-digit number becomes 45 when 9 is added to it and the digits are reversed. What is the number?

○ a.   23

◉ b.   45

○ c.   65

○ d.   54

Question 9

Complete

Mark 1.00 out of 1.00

Arrange the words meaningfully: 1. Seed 2. Tree 3. Fruit 4. Sapling 5. Plant

○ a.   1,4,2,5,3

◉ b.   1,4,5,2,3

○ c.   1,5,2,4,3

○ d.   1,5,4,2,3

Question 10

Complete

Mark 1.00 out of 1.00

Find the odd one out: (7,48), (6,35), (9,80), (4,14), (5,24)

◉ a.   (4,14)

○ b.   (6,35)

○ c.   (9,80)

○ d.   (7,48)

Question 11

Complete

Mark 1.00 out of 1.00

If A+B = 30, B+C = 40, C+A = 50, what is C?

○ a.   15

○ b.   5

○ c.   10

◉ d.   30

Question 12

Complete

Mark 1.00 out of 1.00

If $LOG_{10}(2) = 0.3010$, find $LOG_{10}(80)$.

○ a.   1.5050

○ b.   2.3010

◉ c.   1.9030

○ d.   1.6020

Question 13

Complete

Mark 0.00 out of 1.00

If the code for TABLE = XFEPH, what is code for CHAIR?

○ a.   FNDSL

○ b.   GMEMV

○ c.   GMDMV

◉ d.   GLEMV

Question 14

Complete

Mark 0.00 out of 1.00

If today is Monday, what day will it be 10,000 days from now?

○ a.   Thursday

○ b.   Friday

◉ c.   Wednesday

○ d.   Saturday

Question 15

Complete

Mark 1.00 out of 1.00

Two trains of lengths 150m and 200m travel toward each other at 20 m/s and 25 m/s. In how many seconds will they completely cross each other?

○ a.   10 sec

◉ b.   8 sec

○ c.   12 sec

○ d.   6 sec