

MOCK TEST 9

INSTRUCTION BOOKLET

999 Points

2hrs 30 min

1st February 2009

ROUND 1 (500 Points)

2:30 pm – 3:45 pm IST

ROUND 2 (499 Points)

4:00 pm – 5:15 pm IST

(+5:30 GMT)

**10 Bonus Points for each minute saved in
each round**

**NOTE: Bonus Points will be awarded only if
all puzzles are correct**

(2 asked Rows/Columns are to be filled same as previous
Mock Tests)

ROUND 1

500 Points

(2:30 pm – 3:45 pm IST)

**25 points Bonus for completing all puzzles
correctly in each Relay**

Classic Relay:

| No. | Puzzle | Points |
|------------|------------------|---------------|
| 1. | Classic 1 | 45 |
| 2. | Classic 2 | 45 |
| 3. | Classic 3 | 45 |
| 4. | Classic 4 | 45 |
| 5. | Classic 5 | 45 |
| | | 225+25 |

Standard Variants Relay:

| No. | Puzzle | Points |
|------------|----------------------------|---------------|
| 1. | Irregular Sudoku | 45 |
| 2. | Consecutive Sudoku | 45 |
| 3. | Diagonal Sudoku | 45 |
| 4. | Odd-Even Sudoku | 45 |
| 5. | Extra Region Sudoku | 45 |
| | | 225+25 |

ROUND 2
(4:00 pm – 5:15 pm IST)

| No. | Puzzle | Points |
|-------------|-----------------------------------|---------------|
| 1. | Even Sum Pair Sudoku | 34 |
| 2. | Sudoku XV | 66 |
| 3. | Anti-Knight Sudoku | 79 |
| 4. | All Odd/All Even Sudoku | 56 |
| 5. | Group Sum Sudoku | 99 |
| 6. | Magic Square Sudoku | 44 |
| 7. | Fortress Sudoku | 71 |
| | Mini Sudokus (2x3) | |
| 8. a | Same Box Mini | 10 |
| 8. b | Orthogonal Difference Mini | 10 |
| 8. c | Sudoku Correction | 10 |
| 8. d | Group Sum Mini | 10 |
| 8. e | All Odd/All Even Mini | 10 |
| | TOTAL | 499 |

INSTRUCTIONS:

Round 1:

In each Relay all puzzles are connected to the previous one. The Relay should be **attempted in the given order only**. In puzzles 2,3,4,5 the marked cells represent the digits that are to be obtained from previous puzzle.

e.g.

Consider in puzzle 2 R4C4 and R4C6 are marked cells then the numbers in the same place (R4C4 and R4C6) of puzzle 1 should be entered in puzzle 2.

NOTE: There is only one correct solution for each puzzle such that all puzzles are correct.

And points will be awarded to these correct solutions only.

25 Bonus Points will be awarded if all 5 puzzles of a relay are correctly submitted.

Preferably try solving the Relay Round on paper.

Round 2:

1] Even Sum Pair Sudoku (34 Points)

Fill in the grid such that every row, every column and every 3x3 box contains the numbers 1 to 9. The coloured pairs should have numbers whose sum is an even number. Two different colours are used just to differentiate the pairs.

2] Sudoku XV (66 Points)

Fill in the grid such that every row, every column and every 3x3 box contains the numbers 1 to 9. All the adjacent cells which add up to 10 are marked by 'X' and all the adjacent cells which add up to 5 are marked by 'V'.

3] Anti-Knight Sudoku (79 Points)

Fill in the grid such that every row, every column and every 3x3 box contains the numbers 1 to 9. Cells with Knight step away from each other cannot contain the same digit.

4] All Odd/All Even Sudoku (56 Points)

Fill in the grid such that every row, every column and every 3x3 box contains the numbers 1 to 9. In each 3x3 box, the grey coloured cells contain either all odd or all even numbers.

5] Group Sum Sudoku (99 Points)

Fill in the grid such that every row, every column and every 3x3 box contains the numbers 1 to 9. The numbers in between represent the sum of four numbers surrounding it.

6] Magic Square Sudoku (44 Points)

Fill in the grid such that every row, every column and every 3x3 box contains the numbers 1 to 9. The coloured box represents a Magic Square. Magic Square is n x n box whose all rows, columns and main diagonals have equal sum.

7] Fortress Sudoku (71 Points)

Fill in the grid such that every row, every column and every 3x3 box contains the numbers 1 to 9. The numbers in the yellow coloured cells should be greater than orthogonally adjacent white or green coloured cells. The number in the green cell should not be present in any of the yellow cells.

8] Mini Sudokus: (10*5 Points)

a] Same Box Mini Sudoku

Fill in the grid such that every row, every column and every 2x3 box contains the numbers 1 to 6. The same coloured 2x3 boxes will have same digits in exactly same place.

b] Orthogonal Difference Mini Sudoku

Fill in the grid such that every row, every column and every 2x3 box contains the numbers 1 to 6. The number in the yellow cell will be the difference between the addition of orthogonally adjacent horizontal cells and orthogonally adjacent vertical cells i.e. yellow cell = $|(left\ no.\ +\ right\ no.) - (top\ no.\ +\ bottom\ no.)|$.

c] Sudoku Correction

Fill in the grid such that every row, every column and every 2x3 box contains the numbers 1 to 6. The given grid on right side is incorrect. You have to correct it by arranging the pairs in the left grid. The pairs have to be replaced as it is; they cannot be rotated. Two colours are used to differentiate the pairs.

d] Group Sum Mini Sudoku

Fill in the grid such that every row, every column and every 2x3 box contains the numbers 1 to 6. The numbers in between represent the sum of four numbers surrounding it.

e] All Odd/All Even Mini

Fill in the grid such that every row, every column and every 2x3 box contains the numbers 1 to 6. In each 2x3 box, the grey coloured cells contain either all odd or all even numbers.

The two rounds will be provided in 2 different pdf files containing different passwords. The password will be provided at the start time of the test same as previous mocks.

Any Further Queries can be asked on the forums of site www.logicmastersindia.com or on the orkut community <http://www.orkut.co.in/Main#CommMsgs.aspx?cmm=26693004&tid=5295623516971192316&start=1>