

Zonal Informatics Olympiad, 2019

Solutions

1. Number of Special Sequences
 - (a) 69
 - (b) 105
 - (c) 133
2. Minimum number of divide instruction to amoeba
 - (a) 8
 - (b) 7
 - (c) 11
3. Number subsets around circular table
 - (a) 198
 - (b) 520
 - (c) 1363
4. Number of magical grids
 - (a) 144
 - (b) 8192
 - (c) 1638400

Marking

The question paper carries 80 marks, broken up into four questions of 20 marks each. Each question has three parts. *If you solve all three parts correctly, you get 20 marks for that question.* Otherwise, you get 5 marks for each part that you solve correctly.

Qualifying cutoff

- Std 12: 35
- Std 11: 30
- Std 10: 25
- Std 9: 20
- Std 8 or below: 20