

# CHENNAI MATHEMATICAL INSTITUTE

M.Sc. / Ph.D. Programme in Computer Science

Entrance Examination, 2 May 2026

## Instructions

- Enter your *Admit Card Number*: 

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- This examination has three parts: Part A, Part B and Part C.
  - Time allowed: 3 hours
  - Total marks: 100
- Part A consists of 10 multiple choice questions, each carrying 3 marks. There may be multiple correct choices. You have to select all the correct options and no incorrect option to get full marks. **There is no partial credit, and no negative marking.**
- Part B has 3 long-answer questions, each carrying 10 marks.
- Part C has 8 long-answer questions, each carrying 10 marks. Students can choose **any 4 out of these 8** questions. Students may attempt more than 4 questions; in such cases, the **best 4 answers** will be considered for the final score.
- For questions in Part A, you have to provide the answers on the computer. You only have to choose the appropriate answer(s) from the choices provided. For example, if the answer to a question is options (a) and (c), choose only (a) and (c) to score full marks for that question.
- This booklet is only for Part B and Part C answers, and rough work. Answer questions for Part B and Part C in the space provided for the corresponding question.
- *Rough work.* The pages marked *Rough work only* in the end of the booklet are to be used for rough work. *Do not* enter the final answers in the pages reserved for rough work.

### For office use only

#### Part A

Total	
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#### Part B

1	
2	
3	
<b>Total</b>	

#### Part C

1	
2	
3	
4	
5	
6	
7	
8	
<b>Total</b>	

#### Overall

Part A	
Part B	
Part C	
<b>Total</b>	

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## Answer to Part B - Question 1

Answer to Part B - Question 1 (continued)

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## Answer to Part B - Question 2

Answer to Part B - Question 2 (continued)

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## Answer to Part B - Question 3

Answer to Part B - Question 3 (continued)

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## Answer to Part C - Question 1

Answer to Part C - Question 1 (continued)

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## Answer to Part C - Question 2

Answer to Part C - Question 2 (continued)

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## Answer to Part C - Question 3

Answer to Part C - Question 3 (continued)

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## Answer to Part C - Question 4

Answer to Part C - Question 4 (continued)

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## Answer to Part C - Question 5

Answer to Part C - Question 5 (continued)

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## Answer to Part C - Question 6

Answer to Part C - Question 6 (continued)

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## Answer to Part C - Question 7

Answer to Part C - Question 7 (continued)

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## Answer to Part C - Question 8

Answer to Part C - Question 8 (continued)

# Rough work only

# Rough work only

# Rough work only

# Rough work only

# Rough work only

# Rough work only

# Rough work only

# Rough work only