CHENNAI MATHEMATICAL INSTITUTE

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

Entrance Examination, 07 May 2023

Instructions

- Enter your *Admit Card Number*: C – ☐☐☐ – ☐☐☐☐
- This examination has two parts Part A and Part B.
  - The time allowed is 3 hours.
  - Total Marks: 100
- Answer all questions.
- Answers for Part A should be entered directly on the computer, as instructed in the question paper. Each question in Part A has four choices, of which exactly one is correct.
- This booklet is only for Part B answers and rough work. Answer questions for Part B 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	

Part B

1	
2	
3	
4	
5	
6	
7	
Total	

Overall Marks

Part A	
Part B	
Total	

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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 B - Question 4

Answer to Part B - Question 4 (continued)

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Answer to Part B - Question 5

Answer to Part B - Question 5 (continued)

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Answer to Part B - Question 6

Answer to Part B - Question 6 (continued)

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Answer to Part B - Question 7

Answer to Part B - Question 7 (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

Rough work only

Rough work only