

## NATIONAL UNIVERSITY OF SINGAPORE

CS1231 — DISCRETE STRUCTURES  
(Semester 2: AY2022/23)

Time allowed: 2 hours

Student Number:

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**INSTRUCTIONS TO STUDENTS**

1. Do **NOT** turn over this cover page and do **NOT** start writing until your invigilator tells you to do so.
2. Write your Student Number only. Do not write your name.
3. This exam paper contains **EIGHT** questions. It comprises **NINE** pages excluding this cover page.
4. Answer **ALL** questions.
5. Write your answers in the spaces provided.
6. This is an **OPEN BOOK** assessment. You may refer to any materials on physical paper.
7. The use of handheld calculators is allowed.

Examiner's use only	
Question	Marks
1	
2	
3	
4	
5	
6	
7	
8	
Total	