

<b>Student Name:</b>								
<b>Student Number:</b>	<b>Z</b>							
<b>Signature:</b>								

**University of New South Wales**  
**School of Computer Science and Engineering**  
**Data Structures and Algorithms (COMP9024)**  
**MID-SEMESTER TEST — Session 2, 2017**

**This paper must be submitted and cannot be retained by the student**

- **Ensure that you enter your correct name and student number above!**
- This exam paper contains 5 multiple-choice questions (pages 1-2) plus 2 open questions (pages 3-5).  
Total exam marks = 25. Each multiple-choice question is worth 2 marks ( $5 \times 2 = 10$ ). Marks for each open question are shown in the exam paper. They are not all of equal value.
- Only use a blue or black pen. **All answers must be recorded in this paper.**
- For the multiple-choice questions, tick **one** box for your answer directly (each multiple-choice question has only one correct answer).  
To make a correction, tick *all* boxes, then *circle* one box for your answer.
- For the open questions, write your answer in the space provided (if you need more space, you can write on the back of the last page).
- Coloured A4 sheets are provided for scratch work only. **Do not write your answers on these coloured sheets, they will not be marked.**
- Time allowed – 60 minutes + 5 minutes reading time.
- The test is *closed book*. Reference materials are not allowed, apart from one A4-sized sheet (double-sided is ok) of your own notes.
- Number of pages in this test paper: 5 (in addition to this cover page).