

<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**  
**Foundations of Computer Science (COMP9020)**  
**MID-SEMESTER TEST — Session 1, 2018**

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

- **Ensure that you enter your correct name and student number above!**
- This paper contains 4 multiple-choice questions (sheet 1) plus 2 open questions (sheets 2-3).  
Each multiple-choice question is worth 2 marks ( $4 \times 2 = 8$ ).  
Each open question is worth 6 marks ( $2 \times 6 = 12$ ).  
Total test marks = 20.
- 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 sheet).
- The last sheet (sheet 4) is provided for scratch work only.  
**Do not write your answers on this sheet, it will not be marked.**
- Time allowed – 40 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 sheets in this test paper: 4 (in addition to this cover sheet).