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Department of Mathematics and Applied Mathematics

MAM1020F

Class Test 1

12 March 2020

Time : 1 hour 30 minutes

Full marks: 50

- This question paper consists of 10 pages (including this one).
- Answer all questions in the spaces provided on this question paper. Use the backs of pages when you run out of space.
- Use your *UCT Examination Answer Book* for rough work. The work in your *UCT Examination Answer Book* will not be marked. Only the answers that you write on this question paper will be marked.
- Calculators are not allowed. When your answer contains constants such as  $\pi$ ,  $e$  or  $\sqrt{2}$ , leave them in that form. Don't simplify your answers.
- Use radians, not degrees.
- Be careful to provide answers that we can read and make sense of at all times. We will pay attention to your presentation as well as the content. Work that is poorly presented will be penalised.

DO NOT WRITE BELOW THIS LINE

Question	1	2	3	4	5	6	7	8	9	Total
Total marks	<u>5</u>	<u>3</u>	<u>7</u>	<u>6</u>	<u>3</u>	<u>10</u>	<u>6</u>	<u>4</u>	<u>6</u>	<u>50</u>

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