

**FACULTY OF SCIENCE AND ENGINEERING****DEPARTMENT OF MATHEMATICS AND STATISTICS****MID-TERM ASSESSMENT EXAMINATION 1**

MODULE CODE: MA4603

SEMESTER: Autumn 2016

MODULE TITLE: Science Mathematics 3 DURATION OF EXAM: 45 minutes

LECTURER: Mr. Kevin O'Brien

GRADING SCHEME: 20 marks
20% of total module marks**INSTRUCTIONS TO CANDIDATES**

- Attempt all questions.
- Show your working clearly.
- Please write your name and student number on each page you submit.

Attempt ALL questions