**MATH1019 LINEAR ALGEBRA AND STATISTICS FOR ENGINEERS**

**Lab Test - A**

Semester 2, 2020

Marks: /23

**Name:**

**Student ID:**

**Instructions**: Download the “Lab\_Quiz\_Template.docx” Word document and save it to your computer as *Your Name Your ID*, for example: *Joe Smith 2456892.docx*. Write your lab test solutions in this Word template document, and save the file regularly. **All questions require you to copy the commands/output from *R/RStudio* and paste it into this document**. Copying and pasting only the solution is not sufficient, all *R* commands used in making your calculations must be included in your document to obtain full marks. Once you have completed the test, you must submit two documents:

* Your final Word document, with the commands and solutions, is to be **submitted via Blackboard** using the View/Complete link found under Lab Assessment Submission. This will submit the assessment to Turnitin for similarity checking and marking by the tutors. The **Submission Title** should be in the form of *Your Name Your ID* (so for example, *Joe Smith 2456892*). After submitting the file to Turnitin you should receive a receipt to say it has been submitted correctly. To double-check this step has been completed, go back into the View/Complete link under Lab Assessment Submission and check that your submission is there and that you have submitted the correct file.
* The physical test paper, to be completed with your name and student ID is to be **submitted in person** to your tutor before you leave the room.

**Question 1**

**Question 2**

**Question 3**