

Two hours - on line

The exam will be taken on line.
This paper version is made available as a backup
In this event, only MCQ answers written in the boxes on the exam paper will be marked.

EXAM PAPER MUST NOT BE REMOVED FROM THE EXAM ROOM

**UNIVERSITY OF MANCHESTER
SCHOOL OF COMPUTER SCIENCE**

Agile and Test Driven Development

Date: Monday 25th January 2016

Time: 09:45 - 11:45

Please answer ALL Questions provided

**The exam contains MULTIPLE CHOICE and SHORT ESSAY QUESTIONS.
Be sure to answer ALL QUESTIONS.**

This is a CLOSED book examination

The use of electronic calculators is NOT permitted

On Line Examination

Q1 – Q35 contain Multiple Choice Questions and are therefore restricted

36. Please reflect on your experience of **test-driven development**. Consider, then clearly and briefly describe the following when constructing your reflection:

- An overview of what test-driven development commonly entails, and the extent to which it is core to the agile process.
- The approach your team took to test-driven development, with examples, and the benefits and drawbacks of this approach.
- How the environment (a student team project) affected your experience, and how that experience might be different under other circumstances.

(20 marks)

37. Please reflect on your experience of using **Scrum**. Consider, then clearly and briefly describe the following when constructing your reflection:

- An overview of what Scrum commonly entails, and the extent to which it is core to the agile process.
- The approach your team took to using Scrum, with examples, and the benefits and drawbacks of this approach.
- How the environment (a student team project) affected your experience, and how that experience might be different under other circumstances.

(20 marks)