

Two hours

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 16th January 2017

Time: 09:45 - 11:45

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**Please answer ALL Questions provided**

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

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This is a CLOSED book examination

The use of electronic calculators is NOT permitted

[PTO]

*Questions 1 – 35 are  
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 **requirements analysis**. Consider, then clearly and briefly describe the following when constructing your reflection:

- An overview of what requirements analysis, in an agile context, commonly entails, and the extent to which it is core to the agile process.
- The approach your team took to requirements analysis, 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)