

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**

Software Engineering Concepts in Practice

Date: Thursday 19th January 2017

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

*Questions 1 – 29 are
Multiple Choice Questions
and are therefore restricted*

30. Explain McConnell's General Principle of Software Quality and how the apparent paradox is not an actual paradox. (Your essay should be under 500 words. Please use concrete examples.) (5 marks)
31. In under 500 words, discuss the implications of the fact that *the design (of software) is a wicked problem on the staging of various project activities* (e.g., problem definition, requirements gathering, architecture, construction, etc.). Concrete examples are encouraged. (6 marks)