B. Sc in Information Systems and Information Technology

STAGE 3

SEMESTER 1 EXAMINATION 2006/2007

PROFESSIONAL AND LEGAL ISSUES IN IS/IT PRACTICE

MR. RONAN FITZPATRICK
DR. BRENDAN O’SHEA
MR. P. LAWLESS

TUESDAY 9 JANUARY 2007
2 hours

Attempt FOUR questions.

Each question carries a total of 25 marks.
Q.1. (a) The Data Protection Act is concerned with the *Data Subject*, the *Data Controller* and the *Data Processor*.

(i) Explain the three terms in italics. (6 marks)
(ii) Rights and responsibilities are part of the Act. Explain how they relate to the *Data Subject* and the *Data Controller*. (16 marks)
(iii) Explain why the Act specifies certain exemptions. (3 marks)

Q.2. As consultant to a young software development company you have been engaged to write a report on how they should implement an intellectual property rights policy. The owner of the company has asked that you use the STEP analysis method to organise your report.

(a) What is the STEP analysis method and is it appropriate to writing a report on intellectual property rights? (5 marks)
(b) Write the report. (20 marks)

Q.3. (a) An *Ethics Continuum Model* for decision-making could be used to define and support *IS Professional behaviour and conduct*.

Explain what you understand by:

(i) An *Ethics Continuum Model* or An *Ethics Model*. (5 marks)
(ii) *IS Professional behaviour and conduct*. (10 marks)

(b) Discuss options that are available to management for the continuing training and development of their IS personnel. (10 marks)
Q.4. (a) Give a brief explanation of FOUR different types of contract that an IS professional needs to be familiar with. (6 marks)

(b) For one of these four contracts list EIGHT section headings that you would expect to be included in the document. (4 marks)

(c) Explain in detail any FOUR of the section headings from part (b). (10 marks)

(d) Explain a process by which contract disputes can be resolved without resorting to the formal courts. (5 marks)

Q.5. (a) The widespread proliferation of electronic communication for day-to-day business has compelled many business owners to introduce an Electronics Communications Policy.

Explain:

(i) The business reasons for such a policy. (6 marks)
(ii) The issues that such a policy should address. (15 marks)
(iii) A strategy for implementing the policy. (4 marks)