B.Sc in Information Systems and Information Technology

STAGE 3

SEMESTER 1 SUPPLEMENTAL EXAMINATION 2006/2007

PROFESSIONAL AND LEGAL ISSUES IN IS/IT PRACTICE

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2 hours

Attempt FOUR questions.

Each question carries a total of 25 marks.
Q.1. Explain in detail how, during their daily practice, IT professionals must protect and respect intellectual property. (25 marks)

Q.2. (a) Discuss the rights that are granted and responsibilities that are imposed by the Data Protection Act. (15 marks)

(b) Discuss TWO further examples of enacted legislation that you would expect IS professional personnel to be familiar with. (10 marks)

Q.3. (a) Give an account of how an international standard is prepared. (10 marks)

(b) ISO 9000 is a suite of standards that relate to quality. Explain the process that an organisation must follow in order to achieve ISO 9000 certification. (10 marks)

(c) Discuss the advantages of successfully securing ISO certification. (5 marks)

Q.4. Ludgate International Systems (LIS) are a young but highly respected provider of IT solutions to the European and North American markets. Recently, the company has become concerned about high staff turnover and has initiated a process to address this.

(a) Give an account of how management at Ludgate International Systems can use Maslow’s hierarchy of needs in this process. (15 marks)

(b) Suggest staff training and development options that LIS might consider. (10 marks)
Q.5. (a) Sometimes it is necessary to terminate a legally binding contract for reasons other than non-performance.

Explain why this might be.  

(b) Explain in detail FOUR clauses that you would include in an Information Systems development contract that would relate to contract termination. Your answer should clarify why you would include each clause.

(c) Briefly explain FOUR clauses that you would include in the employment contract of an IS professional.