



Professional Qualification in COMPUTING AND INFORMATION SYSTEMS

Level 4 Diploma

UNIT 1 – INFORMATION SYSTEMS

Question 1

- (a) **Describe** the features of a good management information system (MIS). (8 marks)
- (b) **Explain** the benefits of having an effective MIS in a large hospital to the patients and the doctors. (12 marks)

Question 2

- (a) **State** what is meant by the term 'software application'. (4 marks)
- (b) **Describe** ways in which spreadsheet software can benefit business managers. (8 marks)
- (c) **Describe** the resources needed to convey business-critical data across networks. (8 marks)

Question 3

- (a) **State** what is meant by the term 'logistics'. (4 marks)
- (b) **Describe** how a computerised information system can improve the logistics of a large manufacturing company. (8 marks)
- (c) **Describe** how staffing resources could be affected by the introduction of a computerised information system. (8 marks)

Question 4

- (a) **Describe** the data protection responsibilities of managers in a large organisation. (10 marks)
- (b) **Describe** how data duplication might affect business efficiency. (10 marks)

Question 5

- (a) **State** what is meant by the term 'data security'. (4 marks)
- (b) **Describe** the data security responsibilities of employees in a large organisation. (8 marks)
- (c) **Describe** the legal obligations of information systems professionals. (8 marks)