



Professional Qualification in COMPUTING AND INFORMATION SYSTEMS

Level 4 Diploma

UNIT 1 – INFORMATION SYSTEMS

Question 1

- (a) **Describe** the abstract characteristics of information systems. (10 marks)
- (b) **Describe** an information system used to support order processing. (10 marks)

Question 2

Using examples, **explain** the integration of common office applications in information systems and how software tools are used to communicate business-critical data. (20 marks)

Question 3

- (a) **Describe** how an information system can improve the performance of a logistics department. (10 marks)
- (b) **Explain** how roles previously managed through people and/or physical systems are affected by the introduction of information systems. (10 marks)

Question 4

- (a) **Discuss** the risks and possible consequences of duplicating information across a large organisation. (10 marks)
- (b) **Discuss** the role of the information systems manager in maintaining data security in an organisation. (10 marks)

Question 5

- (a) **Describe TWO** key physical and electronic security concerns associated with information systems (10 marks)
- (b) **Describe TWO** management strategies that will reduce risk. (10 marks)