



Professional Qualification in
COMPUTER ENGINEERING
Level 4 Diploma

UNIT 2 – COMPUTER SECURITY

Question 1

Explain how a computer program can become vulnerable to an SQL injection. (20 marks)

Question 2

Summarise the differences between: viruses; worms; trojans and spyware. (20 marks)

Question 3

Describe FOUR possible symptoms that a 'zombie', a computer which unintentionally contributes to a Denial of Service (DoS) attack, may show. (20 marks)

Question 4

Assess the role that a Firewall can play in securing a computer system, commenting on whether it is sufficient on its own. (20 marks)

Question 5

Analyse FOUR common myths about malware. (20 marks)