

Questions

1) a) Define a cyber-attack. [1]

b) Define a cyber threat. [1]

b) State the purpose of cyber security. [1]

c) Give **two** reasons why networks are more vulnerable to attack than standalone (non-networked) computers. [2]

2) Identify 3 clues that an email might be part of a social engineering attack. [3]

3) a) State the collective name for any malicious code including viruses, Trojans, spyware and adware. [1]

b) Identify **one** effect of a virus. [1]

c) State **one** way a virus can be introduced to a computer system. [1]

d) A keylogger is an example of which type of malicious code? [1]
A Virus
B Adware
C Spyware
D Trojan
E Worm

Adware can include unwanted adverts such as pop-up windows, a change of search engine or a change of browser home page.

e) Describe a situation where adware is legitimate. [2]

f) Explain how a user could be fooled into running a Trojan. [2]

GCSE Computer Science - Chapter 3-4 - Question Template

A hacker tries to gain access to the usernames and passwords used by a website. The hacker inputs the following data for the username and password:

Username:

Password:

- 5) Explain how this might provide the hacker with all the usernames and passwords for the website. [4]

- 6) Explain **two** methods a hacker could use to gain access to personal data using a wireless network. [4]