Unit 6: Cyber-security – syllabus lists

These are the "lists" from the syllabus. When a question asks "name three types of social engineering threat", the marker will expect the ones here to be the ones you write about. Other answers will be credited when they are correct, but these are the safest ones to write about.

You need to do more than just learn the lists of course – you need to be able to write about each point and there is other content that you need to learn as well.

7 types of cyber security threat:

- Social engineering
- Malicious code (malware)
- Weak and default passwords
- Pharming
- Misconfigured user access rights
- Removable media
- Unpatched or out of date software

2 types of penetration testing:

- Malicious insider test
- External attack test

3 types of social engineering threat:

- Blagging
- Phishing
- Shoulder surfing

3 types of malware:

- Virus
- Trojan
- Spyware

5 ways to reduce threats:

- Biometrics
- Password systems
- CAPTCHA
- e-mail/SMS confirmations (2-step verification)
- Automatic software updates