Computer Science

Grade 12 - Term 2 - Answer Key - Sample

Where student responses may vary please use your professional judgment. Be reasonable and award marks **ONLY** when deserved for answers given. Marks will be awarded as indicated on the examination paper. Specific mark breakdowns for questions will be written when necessary.

Section 1 - Multiple Choice (10 Marks)

Question	Answer
1	B
2	D
3	C
4	A
5	D

Section 2 - True or False (10 Marks)

Question	Answer
1	TRUE
2	TRUE
3	FALSE
4	TRUE
5	FALSE

Section 3 – Ordering (10 Marks)

Order	Answer
2	Collect basic information about the target
3	Determine the operating system
4	Perform techniques such as Whois
5	Find vulnerabilities and exploits
6	End

Section 4 – Matching (10 Marks)

Question	Answer
1	D
2	F
3	E
4	B
5	A

Section 5 – Short Answer Questions (10 marks)

Question	Answer
1. a) 2 marks 1. b) 2 marks	**Student answers will vary - please use your professional judgment. Valid answers for 1.a) and 1.b) are as follows:** avoid clicking suspect links / downloading attachments / don't open emails from unknown senders / install antivirus software / never respond to spam emails
2. (6 marks)	**Network: (2 marks)** - **1 mark each** for any of the following: o IP Networks / Accesable System / Website / Access Control / VPN End Point / Firewall Vendors / IDS Systems / Routing Protocols / Phone System (Analog, VoIP) **Host: (2 marks)** - **1 mark each** for any of the following: o Operating System Versions / Internet Reachability / Enumerated Information / SNMP / Users / Groups / Mobile devices **Organisation: (2 marks)** - **1 mark each** for any of the following: o Websites / Phone Numbers / Directory Information / Office Location / Company History / Business Associations / Financial Information