

1.4 Network Security

Total points **16/18**

Email *

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✓ Worms

1/1

- ☒ Do not need to attach to a program ✓
- ☐ Need to attach to a program
- ☐ A type of social engineering
- ☐ Designed to access a computer by misleading users of its intent by prompting to download a program

✓ Which is an example of social engineering

1/1

- ☐ Viruses
- ☐ Worms
- ☒ Phishing ✓
- ☐ Trojan Horses



✗ What can viruses affect?

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- ☐ Keyboard
- ☒ Hard drive
- ☐ RAM
- ☐ All the above



Correct answer

- ☒ All the above

✓ Data travels across networks in

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- ☐ Nibbles
- ☐ Parts
- ☐ Bytes
- ☒ Packets



✓ What is encryption?

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- ☐ Where only the sender and recipient can read the message
- ☐ A method of bypassing viruses
- ☐ A form of anti-virus
- ☒ Where data is translated into code so that only authorised users, or users with the key can decrypt it



✓ What is social engineering

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- ☐ Hacking people's Snapchat
- ☒ Exploiting people's trust to gain access to systems ✓
- ☐ Using computers to post social media messages
- ☐ Friends asking for your password

✓ Locking of computer room doors and having alarms is

1/1

- ☒ Physical security ✓
- ☐ Unnecessary to prevent data loss
- ☐ Pointless
- ☐ Encryption

✓ Which of these are security measures for passwords

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- ☐ Use password complexity rules
- ☐ Require two-factor authentication
- ☐ Limit of the number of password guesses
- ☒ All of the above ✓



✓ How do hackers use viruses?

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- ☐ To make a computer unusable
- ☐ To get someone's personal information
- ☐ To find out card details
- ☒ All of the above ✓

✓ Trojan Horses

1/1

- ☐ Does not need to attach to a program
- ☐ Can only occur when a computer is not connected to a network
- ☐ A type of social engineering
- ☒ Designed to access a computer by misleading users of its intent by prompting to download a program ✓

✓ Viruses

1/1

- ☐ Do not need to attach to a program
- ☒ Need to attach to a program ✓
- ☐ A type of social engineering
- ☐ Designed to access a computer by misleading users of its intent by prompting to download a program



✓ The 'official title' of the person who is responsible for exploring vulnerabilities of computer systems and reporting of this in an organization

1/1

- ☒ Penetration tester ✓
- ☐ Systems administrator
- ☐ Network manager
- ☐ Forensic technician

✓ Malware...

1/1

- ☒ Is different types of threats to computer systems ✓
- ☐ Is a manufacturer of computer parts
- ☐ Are hard to find on the internet
- ☐ Distribution is completely legal

✗ Software that performs a 'barrier' between a potential attacker and the computer system 0/1

- ☒ Anti-virus ✗
- ☐ Firewall
- ☐ Windows Update
- ☐ Disk Defragmenter

Correct answer

- ☒ Firewall



✓ What must a user need to decrypt a file?

1/1

☐ Coin

☒ Key



☐ Token

☐ Graph

✓ An SQL injection attack would cause unauthorised access to

1/1

☐ Files

☐ Entire computer

☐ Some files

☒ Databases



✓ Sending requests to a single server using hijacked machines

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☐ Phishing

☒ DDOS



☐ Worm

☐ Virus



✓ A network of computers infected with malicious software and controlled 1/1 as part of a group without the owners' knowledge

- ☐ Virus
- ☐ Stuxnet
- ☐ Ring
- ☒ Botnet



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