



Cyber Threats
12 Questions

NAME : _____

CLASS : _____

DATE : _____

1. Fake e-mail message appearing to be from a trusted business, social network or other contact Asks for personal information or requests a user to click on a link or download a file to verify personal information Hackers can secretly collect personal information and passwords

- | | | | |
|----------------------------|----------|----------------------------|----------|
| <input type="checkbox"/> A | Pharming | <input type="checkbox"/> B | Fishing |
| <input type="checkbox"/> C | Farming | <input type="checkbox"/> D | Phishing |

2. Malicious code that secretly watches your computer activity and sends the information over the Internet; can secretly capture your keystrokes (including passwords) and compromise your identity

- | | | | |
|----------------------------|--------------|----------------------------|----------|
| <input type="checkbox"/> A | Trojan Horse | <input type="checkbox"/> B | Phishing |
| <input type="checkbox"/> C | Worms | <input type="checkbox"/> D | Spyware |

3. Which are examples of social engineering

- | | | | |
|----------------------------|--|----------------------------|---|
| <input type="checkbox"/> A | Calling someone pretending to be IT support to steal confidential data | <input type="checkbox"/> B | Disguising yourself as an employee to gain access to computer systems |
| <input type="checkbox"/> C | Using brute force to access a system | <input type="checkbox"/> D | Sending an email with a virus you created attached to it |
| <input type="checkbox"/> E | Phishing | | |

4. An officer worker has been working on some customer data in Starbucks, someone sat near them has managed to steal parts of the data. What type of social engineering has occurred?

- | | | | |
|----------------------------|------------------|----------------------------|-------------|
| <input type="checkbox"/> A | Shoulder surfing | <input type="checkbox"/> B | Tailgaiting |
| <input type="checkbox"/> C | Pretexting | <input type="checkbox"/> D | Phishing |

5. You receive a text message which tells you that your Netflix account has been disabled and they need to 'verify' your account by clicking the link. What type of social engineering is this?

☐ A

Baiting

☐ B

Phishing

☐ C

Tailgating

☐ D

Shoulder Surfing

6. What is the goal of a phishing attack?

☐ A

To flood a network with false requests

☐ B

To infect a victim's device with malware

☐ C

To trick a victim into sharing sensitive information

☐ D

To encrypt a victim's data and demand payment for decryption

7. How does malware get onto your computer?

☐ A

All of the above

☐ B

By visiting dodgy websites

☐ C

On USB sticks

☐ D

Email attachments or links

8. What is the definition of a brute force attack?

☐ A

Physically threatening someone to give up personal information

☐ B

Being a very strong hacker

☐ C

Physically breaking into a device to hack it

☐ D

Repeatedly trying usernames/passwords to access a system

9. What should you do if you think you have been hacked?

☐ A

Tell your parents or a trusted adult.

☐ B

Change your password.

☐ C

All of the above.

☐ D

Report the problem to the company.

10. What is a D.O.S

☐ A

Denial of service

☐ B

Destruction of service

☐ C

Delay of service

☐ D

Downing of service

11. What is the best defence against a 'Brute force attack'?

- | | |
|---|---|
| <input type="checkbox"/> A Firewall | <input type="checkbox"/> B Strong passwords |
| <input type="checkbox"/> C User access levels | <input type="checkbox"/> D Encryption |

12. What type of attack is this? - **"Flooding network with useless traffic which makes it slow or inaccessible"**

- | | |
|--|--|
| <input type="checkbox"/> A Insider | <input type="checkbox"/> B Denial-of-service |
| <input type="checkbox"/> C Brute force | <input type="checkbox"/> D Passive |
| <input type="checkbox"/> E Active | |