#1. Which encryption protocol secures data transmitted over wireless networks?

☐
WPA/WPA2

☐
FTP

☐
HTTP

☐
SMTP

☐
None of the above

#2. What is the primary goal of an ethical hacker?

☐
To identify and fix vulnerabilities in a system

☐
To exploit vulnerabilities for personal gain

☐
To steal sensitive information

☐
To spread malware

☐
None of the above

#3. What is the term for the practice of tricking individuals into revealing confidential information?

☐
Social Engineering

☐
Network Scanning

☐

Packet Sniffing

☐

Port Scanning

☐

None of the above

#4. What does the acronym VPN stand for?

☐

Virtual Private Network

☐

Very Personal Network

☐

Virtual Personal Network

☐

Visual Private Network

☐

None of the above

#5. Which of the following is an example of a physical security control?

☐

Biometric access controls

☐

Antivirus software

☐

Firewalls

☐

Intrusion Detection System

☐

None of the above

#6. What is the term for a piece of code that exploits a software vulnerability to

carry out an attack?

☐
Exploit

☐
Firewall

☐
Patch

☐
Intrusion

☐
None of the above

#7. Which of the following is a best practice for secure disposal of electronic devices?

☐
Performing a factory reset

☐
Physically destroying the storage media

☐
Deleting files manually

☐
Selling the device online

☐
None of the above

#8. What is the purpose of a honey pot in cybersecurity?

☐
To lure attackers and gather information about their tactics

☐
To filter spam emails

☐
To scan for open ports on a network

☐

To detect unauthorized access attempts

☐

None of the above

#9. What is the term for a software program that appears to perform a legitimate function but actually carries out malicious activities?

☐

Trojan Horse

☐

Spyware

☐

Adware

☐

Ransomware

☐

None of the above

#10. What is the purpose of a security policy in an organization?

☐

To establish guidelines and procedures for protecting information assets

☐

To increase network bandwidth

☐

To prioritize software development tasks

☐

To create marketing strategies

☐

None of the above

#11. Which of the following is an example of a strong authentication factor?

☐

Biometric data

☐
Username

☐
Email address

☐
Social security number

☐
None of the above

#12. What is the term for a program that self-replicates and spreads to other computers or devices?

☐
Worm

☐
Virus

☐
Spyware

☐
Ransomware

☐
None of the above

#13. Which of the following is NOT a common method for protecting against phishing attacks?

☐
Verifying the sender's email address

☐
Clicking on suspicious links in emails

☐
Using email filtering software

☐
Being cautious of unsolicited emails

☐

None of the above

#14. What is the term for the process of converting encrypted data back into its original form?

☐

Decryption

☐

Encryption

☐

Authentication

☐

Authorization

☐

None of the above

#15. Which of the following is an example of a network security perimeter device?

☐

Firewall

☐

Antivirus software

☐

Intrusion Detection System

☐

Virtual Private Network

☐

None of the above

#16. What is the term for a security breach that occurs when an attacker gains unauthorized physical access to a computer or network equipment?

☐

Tailgating

☐

Shoulder surfing

☐

Social engineering

☐

Physical intrusion

☐

None of the above

#17. Which of the following is an example of a biometric authentication method?

☐

Fingerprint recognition

☐

PIN number

☐

Security question

☐

One-time password

☐

None of the above

#18. What is the term for the process of examining network traffic for suspicious activity or patterns?

☐

Intrusion Detection

☐

Packet Sniffing

☐

Network Monitoring

☐

Port Scanning

☐

None of the above

#19. Which encryption algorithm is commonly used for secure communication on the internet?

☐
AES (Advanced Encryption Standard)
☐
DES (Data Encryption Standard)
☐
RSA
☐
MD5
☐
None of the above

#20. What is the term for a program or set of programs that carry out a coordinated attack on a target system or network?

☐
Botnet
☐
Malware
☐
Trojan Horse
☐
Spyware
☐
None of the above

Next

Results