#1. What is the primary goal of ethical hacking?

☐

To identify and address...

☐

To steal sensitive information

☐

To disrupt computer networks

☐

To test hardware performance

☐

To develop new software...

#2. Which of the following is an example of a passive reconnaissance technique used by ethical hackers?

☐

Sniffing network traffic

☐

Launching a DDoS attack

☐

Exploiting a known vulnerability

☐

Social engineering

☐

Installing a firewall

#3. What is the main purpose of vulnerability scanning in ethical hacking?

☐

Identifying weaknesses...

☐

Launching cyberattacks on...

☐

Defending against phishing...

☐

Developing secure software...

☐

Creating strong passwords

#4. Which type of ethical hacker focuses on finding and fixing security vulnerabilities within an organization's infrastructure?

☐

White Hat Hacker

☐

Black Hat Hacker

☐

Gray Hat Hacker

☐

Script Kiddie

☐

Hacktivist

#5. What is a common practice during ethical hacking to ensure the safety of the target system?

☐

Obtaining proper authorization

☐

Hiding the fact that you're...

☐

Disabling all security measures

☐

Sharing sensitive data...

☐

Attacking the system...

#6. Which phase of the ethical hacking process involves gathering information about the target system?

☐

Reconnaissance

☐

Exploitation

☐

Reporting

☐

Post-exploitation

☐

Social engineering

#7. What does the term "zero-day vulnerability" refer to in the context of ethical hacking?

☐

A previously unknown...

☐

A vulnerability that has been...

☐

A vulnerability that affects...

☐

A vulnerability exploited...

☐

A vulnerability with a...

#8. Which type of testing is performed to assess the security of a system without prior knowledge of its internal workings?

☐

Black Box Testing

☐

White Box Testing

☐

Gray Box Testing

☐

Penetration Testing

☐

Vulnerability Scanning

#9. What is the primary goal of a penetration test in ethical hacking?

☐

To identify and exploit...

☐

To document system configurations

☐

To develop new software

☐

To block network traffic

☐

To create secure passwords

#10. What is the purpose of a "honeypot" in ethical hacking?

☐

To attract and monitor...

☐

To store sensitive data securely

☐

To provide training for...

☐

To block network traffic

☐

To generate strong...

#11. What is the purpose of a firewall in network security?

☐

To monitor and filter...

☐

To physically secure servers

☐

To encrypt data in transit

☐

To store sensitive information

☐

To generate encryption keys

#12. Which of the following is an example of social engineering attack?

☐

Phishing

☐

DDoS attack

☐

SQL injection

☐

Cross-site scripting

☐

Firewall configuration

#13. What is the difference between a vulnerability and an exploit in ethical hacking?

☐

A vulnerability is a...

☐

An exploit is a type of...

☐

A vulnerability is an...

☐

An exploit is a security...

☐
A vulnerability leads to...
#14. What is the purpose of a virtual private network (VPN) in ethical hacking?

☐
To establish a secure...
☐
To host websites anonymously
☐
To conduct DDoS attacks
☐
To gather information
☐
To bypass firewalls
#15. In ethical hacking, what is the term "payload" typically associated with?

☐
Malicious code
☐
Secure encryption
☐
Network configuration
☐
Server hardware
☐
Data backup strategies
#16. What is the main goal of a DDoS (Distributed Denial of Service) attack?

☐
To overwhelm a target...
☐
To steal sensitive information

☐

To exploit software vulnerabilities

☐

To establish a secure...

☐

To gather information

#17. What is a common method of protecting sensitive information during transmission over a network?

☐

Encryption

☐

Social engineering

☐

SQL injection

☐

Firewall configuration

☐

Biometric authentication

#18. What does the term "phreaking" refer to in the context of hacking?

☐

Manipulating and exploiting...

☐

Hacking telephone systems

☐

Gaining unauthorized access...

☐

Exploiting software vulnerabilities

☐

Cracking passwords

#19. What is the purpose of a DNS (Domain Name System) in network communication?

☐

Resolving human-readable...

☐

Encrypting data in transit

☐

Blocking malicious websites

☐

Conducting vulnerability scans

☐

Storing sensitive information

#20. What is the primary goal of conducting a security assessment in ethical hacking?

☐

To evaluate the security...

☐

To launch cyberattacks

☐

To identify vulnerabilities...

☐

To develop new software applications

☐

To perform penetration tests

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