

Vulnerability Assessment And Penetration Testing (23CY701)

WORK SHEET

UNIT – 1

Multiple Choice Questions (MCQs)

- Ethical hacking is performed with:
 - Permission
 - Malware
 - Viruses
 - Spyware
- Which attack uses fake emails to steal information?
 - Tailgating
 - Phishing
 - Baiting
 - Shoulder Surfing
- Vulnerability Assessment primarily focuses on:
 - Exploitation
 - Detection
 - Data Theft
 - Encryption
- Penetration Testing simulates:
 - Software Updates
 - Real Attacks
 - Data Backup
 - Network Design
- Which attack uses SMS messages?
 - Smishing
 - Vishing
 - Phishing
 - Baiting
- Tailgating is related to:
 - Email Security
 - Database Security
 - Physical Access
 - Encryption
- Which tool is commonly used for network scanning?
 - Burp Suite
 - Nmap
 - Wireshark
 - Metasploit

8. Vishing is conducted through:
 - a) Email
 - b) SMS
 - c) Phone Calls
 - d) Websites
9. MFA stands for:
 - a) Multiple File Access
 - b) Multi-Factor Authentication
 - c) Multi Firewall Access
 - d) Main Function Analysis
10. Which attack tricks users using attractive offers?
 - a) Baiting
 - b) Tailgating
 - c) Vishing
 - d) MITM

Fill in the Blanks

1. Ethical hackers must obtain _____ before testing a system.
 2. Phishing attacks commonly use fake _____.
 3. Vulnerability Assessment identifies security _____.
 4. Penetration Testing simulates real _____.
 5. Smishing attacks are delivered through _____ messages.
 6. MFA provides an additional layer of _____.
 7. Social engineering targets human _____.
 8. Tailgating allows unauthorized entry into _____ areas.
 9. Nmap is commonly used for _____ scanning.
 10. Confidential information should be kept _____.
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