



## UNIT\_1 Worksheet: Deliverable and Integration (MCQs)

Name: \_\_\_\_\_

Roll No.: \_\_\_\_\_

Date: \_\_\_\_\_

### *Multiple Choice Questions*

**1. What is the primary purpose of ethical hacking?**

- A) Steal sensitive data
- B) Identify security weaknesses before attackers do
- C) Damage systems
- D) Bypass company policies

**Answer: B**

**2. Which phase of the hacker framework involves gathering information about a target?**

- A) Exploitation
- B) Enumeration
- C) Reconnaissance
- D) Final Analysis

**Answer: C**

**3. Enumeration is the process of:**

- A) Exploiting vulnerabilities
- B) Collecting detailed information from discovered resources
- C) Writing reports
- D) Installing security software

**Answer: B**

**4. Vulnerability analysis is performed to:**

- A) Create new software
- B) Identify weaknesses in systems and networks
- C) Encrypt data
- D) Manage users

**Answer: B**

**5. Exploitation refers to:**

- A) Gathering information
- B) Reporting findings
- C) Taking advantage of identified vulnerabilities
- D) Creating backups

**Answer: C**

**6. Which phase follows exploitation in a penetration test?**

- A) Reconnaissance
- B) Enumeration
- C) Final Analysis
- D) Planning

**Answer: C**



**7. The deliverable in ethical hacking is usually a:**

- A) Virus
- B) Security report
- C) Firewall
- D) Network cable

**Answer: B**

**8. Sound operations in ethical hacking emphasize:**

- A) Causing maximum disruption
- B) Maintaining professionalism and minimizing impact
- C) Hiding vulnerabilities
- D) Avoiding documentation

**Answer: B**

**9. Computer security primarily protects:**

- A) Physical buildings
- B) Computer systems and data
- C) Employees only
- D) Power supplies only

**Answer: B**

**10. Network security focuses on protecting:**

- A) Databases only
- B) Communication channels and network resources
- C) Printers only
- D) Software licenses

**Answer: B**

**11. Service security is concerned with:**

- A) Securing services provided to users and applications
- B) Building construction
- C) Office administration
- D) Hardware maintenance

**Answer: A**

**12. Application security aims to:**

- A) Protect software applications from threats
- B) Increase internet speed
- C) Reduce electricity consumption
- D) Improve graphics quality

**Answer: A**

**13. Security architecture refers to:**

- A) Building design
- B) Structured design of security controls and policies
- C) Furniture arrangement
- D) Data entry procedures

**Answer: B**



**14. Which of the following is a component of an Information Security Program?**

- A) Security policies
- B) Risk management
- C) Incident response
- D) All of the above

**Answer: D**

**15. The process of information security primarily focuses on:**

- A) Protecting information assets
- B) Increasing profits only
- C) Reducing staff size
- D) Eliminating all risks

**Answer: A**

**16. Risk analysis helps organizations to:**

- A) Ignore threats
- B) Identify and evaluate risks
- C) Create malware
- D) Reduce system performance

**Answer: B**

**17. Which of the following is part of the CIA Triad?**

- A) Confidentiality
- B) Connectivity
- C) Compatibility
- D) Complexity

**Answer: A**

**18. Integrity in information security means:**

- A) Data remains accurate and unaltered
- B) Data is always public
- C) Data is deleted regularly
- D) Data is compressed

**Answer: A**

**19. Availability ensures that:**

- A) Data is always encrypted
- B) Authorized users can access resources when needed
- C) Systems are offline
- D) Passwords are shared

**Answer: B**

**20. What is the first step in planning a penetration test?**

- A) Exploitation
- B) Define scope and objectives
- C) Final report
- D) Enumeration

**Answer: B**



**21. Which tool category is commonly used during reconnaissance?**

- A) Information gathering tools
- B) Word processors
- C) Video editors
- D) Database backups

**Answer: A**

**22. Ethical hackers must always:**

- A) Obtain authorization before testing
- B) Keep vulnerabilities secret from owners
- C) Ignore company policies
- D) Modify data permanently

**Answer: A**

**23. Which phase validates whether a vulnerability can actually be exploited?**

- A) Enumeration
- B) Vulnerability Analysis
- C) Reconnaissance
- D) Deliverable

**Answer: B**

**24. The final report of an ethical hacking engagement should include:**

- A) Findings and recommendations
- B) Personal opinions only
- C) Source code only
- D) Employee salaries

**Answer: A**

**25. Integration in information security refers to:**

- A) Combining security practices with organizational processes
- B) Removing security controls
- C) Disconnecting systems
- D) Ignoring compliance requirements

**Answer: A**

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**Score**

**Marks Obtained: \_\_\_\_\_ / 25**

**Instructor Signature: \_\_\_\_\_**

**Student Signature: \_\_\_\_\_**