Module 1

1. Introduction to Essential Terminology of VAPT
2. Elements of Information Security
   a. Discussion
   b. Identify the Elements of Information Security from the given scenarios
3. The security, usability, and functionality triangle
   a. Discussion
   b. Examples
4. Introduction to motives of security attack vectors
   a. Discussion
   b. Examples
5. Types of Information Security attack vectors
   a. Discussion
   b. Example
6. Types of attacks on the system
   a. Discussion
   b. Example
7. Types of information warfare
   a. Discussion
8. Types of hackers
   a. Discussion
9. Steps to Hacking phases
   a. Discussion
   b. Diagram
10. Introduction to Ethical Hacking
    a. Discussion
    b. Examples
    c. Limitation and scope
11. Introduction to Penetration testing
    a. Discussion
    b. Diagram
    c. Illustrate the steps of Penetration testing for the given scenarios
12. Types of Penetration testing
    a. Discussion
    b. Example
13. Phases of Penetration Testing Discussion
    a. Discussion
    b. Diagram
14. Introduction to Risk
    a. Discussion
    b. Examples
15. Ethical Disclouser
    a. Discussion
    b. Example
    c. RF Policy
    d. Zero Day Initiative
    e. CERT

16. CVSS
    a. Discussion
    b. Example
17. Exploit DB
    a. Discussion
    b. Example
18. Google Dork
    a. Discussion
    b. Example
19. OWASP Web Top 10
    a. Discussion
    b. Example
20. OWASP Mobile Top 10
    a. Discussion
    b. Example