

INTRODUCTION TO ETHICAL HACKING

Unit-1 Long answer questions

1. Write note on Ethical Hacking. Why is it necessary?
2. What are the Scope and limitations of Ethical Hacking?
3. What are the Skills required to be an ethical hacker?
4. Explain the Phases of ethical hacking?
5. What are the three main types of hackers? Explain each.
6. Explain the following hacking techniques in detail.
 - Phishing
 - Key Loggers
7. What is Eavesdropping? Explain
8. What is Penetration testing? Explain the different stages of Penetration testing.
9. Explain Black Box, White box and Gray Box Testing?
10. What is Reverse engineering?
11. Write note on Vulnerability assessment? Explain its types.
12. Explain the following Hacking Terminologies.
 - Ransomware
 - Social engineering
 - Brute Force Attack
 - DDoS attack

Unit-2 Long answer questions

1. What are DOS and DDOS Attacks? What are the symptoms of Dos Attack?
2. How to protect against Dos Attack?
3. What is Incident Response? What are the steps involved in an incident response plan?
4. What are Sniffers? Give GOOD (ETHICAL) USES OF SNIFFERS. Also Why do hackers use packet Sniffers?
5. Explain Types of Sniffers. Mention any one tool for each type.
6. How to protect against Sniffer Attacks?
7. What is Session Hijacking. Explain Session Fixation.
8. Explain Physical access and File storage methods of Session Hijacking.
9. How will you mitigate the risk of session Hijacking?