UNIT 1

1) Explain basic network utilities?
2) Explain various types of threats?
3) Explain OSI Reference model in Detail?

UNIT 2

1) What are Trojan horses? Explain in detail.
2) How to protect yourself against cybercrime?
3) Explain How can you Protect Against Investment Fraud and Identity Theft?
4) Explain concept of Cyber Stalking in detail with example.
5) Explain DDos with example?
6) How to detect and eliminate virus, spyware. Explain in detail.
7) What is malware? Explain in detail.

UNIT 3

1) Explain Active Scanning Technique?
2) Explain SQL Script Injection with example?
3) Explain Passive Scanning Technique?
4) What is Penetration Testing? Explain step by step process and methods?

UNIT 4

1) How to configure the firewall?
2) Elaborate Intrusion-Detection system in detail?
3) Elaborate the concept of Digital certificates in detail?
4) Explain the following:

   1) Snort 2) Honeypot 3) Intrusion Deterrence 4) Intrusion Deflection

5) Explain concept of SSL.
6) What is firewall? Explain types of firewalls.
7) Explain the concept of VPN in detail?

UNIT 5

1) Explain the objectives of IT Act?
2) Explain roles of international laws?
3) Explain the Indian cyberspace?
4) Explain various cyber security standards.

UNIT 6

1) Describe the methodology for finding evidence on PC.
2) Explain different types of operating system utilities?
3) Explain procedure for getting back deleted files?
4) Explain different tools used for conducting forensic analysis and examination.
5) Explain the FBI Forensics Guidelines?