

- Q-1 Answer the following questions**
- A Explain virus, worms and bacteria. 07
- B What is information security? Explain in brief. 07
- OR**
- A Discuss in detail: malicious software and its effects. 07
- B Explain importance of security policies. 07
- Q-2 Answer the following question**
- A Write a note on OSI model. 07
- B Explain terms: IP, TCP, UDP, ICMP, ARP, RARP and DNS in short. 07
- OR**
- A Discuss various security services. 07
- B Explain confidentiality with symmetric key and asymmetric key. 07
- Q-3 Answer the following question.**
- A What is network attack? Discuss one of its methods. 07
- B Discuss denial of service attack in detail. 07
- OR**
- A What is IKE? Discuss in brief. 07
- B Discuss virtual private network technology in brief. 07
- Q-4 Answer the following question**
- A What do you mean by authentication? Define its types in brief. 07
- B Explain password policy and discipline. 07
- OR**
- A Discuss types of biometric techniques. 07
- B Discuss brute force and dictionary attacks. 07
- Q-5 Answer the following question**
- A What is virus? How it works on internet? 07
- B Write a note on proxy server. 07
- OR**
- A How cookies, passports and web tracking work? 07
- B Write a note on privacy and digital certificates. 07
-