



3. (a) Explain “Man-in-the-middle” and “Brute-force” attacks. (5)
- (b) Why is data the most important asset an organization possesses? What other assets in the organization require protection? (5)
4. (a) What is authorisation? Name two authorisation techniques used in access control. (5)
- (b) What are the various types of malware? How do worms differ from viruses? (5)
5. (a) Describe confidentiality and integrity in context of information security. (3)
- (b) Discuss the relationship between information security and physical security. (3)
- (c) Briefly explain about back doors and Distributed Denial of Service. (4)
6. Write short notes on any **four** :
- (a) Steganography
- (b) Spoofing
- (c) Malicious code
- (d) Security policy
- (e) Digital Signature (2.5×4=10)