

[Total Marks 80]

(3 Hours)

**N. B:**

1. Question No. 1 is Compulsory.
2. Solve any **THREE** from Question No. 2 to 6.
3. Draw neat well labeled diagram wherever necessary

- Q. 1**
- a) Explain access control policies in detail. (05)
  - b) Describe the concepts of covert channel in detail. (05)
  - c) What is the concept of cross site scripting? Describe with example. (05)
  - d) Explain the cybercrimes in detail. (05)
- Q. 2**
- a) Describe session hijacking in detail. (10)
  - b) Explain salami attack and linearization attack. (10)
- Q. 3**
- a) What is phishing and pharming? Explain it with example. (10)
  - b) Explain bell-La Padula model with neat diagram. (10)
- Q. 4**
- a) Explain possible attacks on wireless LAN in detail. (10)
  - b) Describe copyrights and intellectual property in details. (10)
- Q. 5**
- a) Explain in details wireless security offered by 802.11 with neat diagram. (10)
  - b) Describe incident response methodology with diagram. (10)
- Q. 6** Write short note on: (20)
1. Windows vulnerabilities
  2. Operating system security
  3. Federated Identity Management
  4. Forensic duplication

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