[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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