



- Notes :
1. All questions carry marks as indicated.
 2. Solve Question 1 OR Questions No.2.
 3. Solve Question 3 OR Questions No.4.
 4. Solve Question 5 OR Questions No.6.
 5. Solve Question 7 OR Questions No.8.
 6. Solve Question 9 OR Questions No.10.
 7. Solve Question 11 OR Questions No.12.
 8. Due credit will be given to neatness and adequate dimensions.
 9. Assume suitable data whenever necessary.
 10. Illustrate your answers whenever necessary with the help of neat sketches.

1. a) Explain following concepts. 7
i) Email spoofing. ii) Salami Attack.

- b) Explain cyber crime and information security. Give classification of cyber crimes. 6

OR

2. a) What is Industrial spying or Industrial espionage. How does it affect working of Industries? 6

- b) Write short note on- 7
i) Email bombing & mail bombs. ii) Usenet newsgroup as a source of cyber crimes.

3. a) Explain how cyber stalking works? Explain its types and cases reported on cyber stalking. 8

- b) Differentiate between active attacks and passive attacks. 6

OR

4. a) Write a short note on social engineering. 6

- b) Explain how cloud computing is useful in detecting cyber crime. 8

5. a) Explain RAS security for mobile devices. 7

- b) Explain security implications for organizations. 6

OR

6. a) What is LDAP security for handheld mobile computing device? 6

- b) How credit card fraud is done in wireless computing? 7

7. a) Explain the concept of proxy servers with suitable example. 6

b) What is denial of service and distributed Denial of service attack? 7

OR

8. a) Write short note on SQL injection buffer overflow. 4

b) Differentiate between- 9

i) Virus and worms.

ii) Software key loggers and Hardware key loggers.

iii) Online attacks and offline attacks.

9. a) Explain types and techniques of identity thefts. 5

b) Write short note on **any two**. 8

i) Phishing toolkit.

ii) Spy phishing.

iii) Personally Identifiable Information (P.I.I).

OR

10. a) Define phishing. Explain its types and various techniques through which it is implemented. 7

b) What are the counter measures for Identity theft? 6

11. a) Why do we need cyber laws? Explain the legal landscape around the world. 7

b) What are different amendments to the Indian act? 7

OR

12. a) What are the challenges of Indian law and cyber crime scenario in India? 7

b) Explain how digital signature is implemented? 7
