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P. Pages : 2

Time : Three Hours

**NRT/KS/19/3706**

Max. Marks : 80

- 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) Write short notes on- **10**  
i) Email bombing ii) Computer sabotage  
iii) Password sniffing iv) Email spoofing  
b) Explain Salami technique in brief. **3**

**OR**

2. a) Define Information security. Explain who are criminals and how cyber crime can be prevented by them. **7**  
b) Explain- **6**  
i) Web jacking ii) Data diddling  
3. a) What are cyber attacks? Explain its types in detail. **6**  
b) What is the meaning of "Fuel for cyber crimes"? Explain attack vector in detail. **7**

**OR**

4. a) Explain cyber stalking. Illustrate it with a live example. **7**  
b) Write short note on social engineering. **6**  
5. a) Write short notes on- **7**  
i) Media player control security.  
ii) Security challenges posed by mobile devices.  
b) Discuss types and techniques of credit card frauds. **7**

**OR**

6. a) How data can be protected on lost devices. Discuss device related security issues. 7
- b) Explain in brief LDAP security for handheld mobile computing devices. 7
7. a) What are Proxy servers? Explain Anonymizers phishing. 6
- b) Differentiate between- 7
- i) Online and offline attacks
- ii) Strong & weak passwords

**OR**

8. a) Explain DOS and DDOS attacks with examples. 6
- b) Explain the terms- 7
- i) Spywares ii) Trojan horse
9. a) Define phishing. Explain phishing techniques in details. 7
- b) Define Identity theft. Explain ID theft techniques in details. 7

**OR**

10. a) Illustrate with an example, how to deface your identity. 7
- b) Discuss phishing scams in detail. 7
11. a) Discuss on cybercrime and legal landscape around the world. 7
- b) Write short note on- 6
- i) Cyber laws ii) Cyber crime Scenario in India

**OR**

12. a) What are digital signatures. Give examples where digital signatures are used. 6
- b) Discuss in detail cybercrime and punishment. 7

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**It's hard to beat a person who never gives up.**

**~ Babe Ruth**

