

Elective - IV : Cyber Security

P. Pages : 2

Time : Three Hours



NKT/KS/17/7624

Max. Marks : 80

- Notes :
1. Solve Question 1 OR Questions No. 2.
 2. Solve Question 3 OR Questions No. 4.
 3. Solve Question 5 OR Questions No. 6.
 4. Solve Question 7 OR Questions No. 8.
 5. Solve Question 9 OR Questions No. 10.
 6. Solve Question 11 OR Questions No. 12.

1. a) Define & explain cyber crime. Explain classification of cyber crime. 7
- b) Explain the following term : 6
- 1) Salami Attack.
 - 2) Cyber Defamation.

OR

2. a) Explain Industrial Espionage? Explain the impact of industrial espionage on IT industry. 7
- b) Write short note on : 6
- 1) Spamming.
 - 2) Email bombing.
 - 3) Sniffing.
3. a) Explain the importance of cloud computing for the investigation of cyber crime. 7
- b) Distinguish between Active attacks & passive attacks. 6

OR

4. a) What is social Engineering? Explain the risk involved in the classification of Social Engineering. 7
- b) Explain how cyber stacking works? Explain its types and cases reported on cyber stacking. 6
5. a) What is LDAP security for handheld mobile computing device? 7
- b) List out various attacks on mobile phones. Briefly explain any two. 7

OR

6. a) If you are working as an administrator in a reputed IT organisation, how will you set the organizational measures of handling mobiles, device related security issues, organizational security policies and measures in mobile computing? 7
- b) How credit card fraud is done in wireless computing? 7

7. a) List out different types of viruses. Differentiate between virus & worms. 7
b) List out differences between 6
1) Software key loggers and Hardware key loggers.
2) Online attacks and offline attacks.

OR

8. a) Explain the term steganography with the help of suitable example. 7
b) Write short note on SQL injection buffer overflow. 6
9. a) Define phishing? Enlist various methods of phishing. Explain any one of them. 7
b) What are the counter measures for Identity theft? 6

OR

10. a) Explain the term Identity theft. What are different types of identity theft? 7
b) Write short note on : 6
1) Phishing Toolkit.
2) Spy phishing.
11. a) Why do we need cyber laws? Explain legal landscape around the world. 7
b) What are different amendments to the Indian Act? 7

OR

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