

Elective - IV : Digital Forensic

P. Pages : 2

Time : Three Hours



NKT/KS/17/7605

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. Assume suitable data whenever necessary.
 9. Illustrate your answers whenever necessary with the help of neat sketches.

1. a) What is digital forensic? Describe in detail about digital devices in society. 7

b) Differentiate between open system and closed system. 6

OR

2. a) What are the roles played by digital devices in forensic How to evaluate its potential. 6

b) Describe about cell phone forensics. 7

3. a) Explain and describe about seizure issues. 6

b) Describe the role of previewing and culture in forensic. 7

OR

4. a) Explain the concept of continuity and hashing. 7

b) Write in detail device identification in forensic. 6

5. a) Explain about development model of digital system. 7

b) Compare OSI and TCP/IP protocol architecture in view of digital forensic. 7

OR

6. a) Describe about mobile phone PDAs and other technology used in forensic. 4

b) Write a short note on **any two**. 10

i) GPS

ii) DNS

iii) Audit and logs

regarding digital forensic.

7. a) Explain the various services provided by computer forensics. **6**
b) What are the steps involved in computer evidence handling explain in detail. **7**

OR

8. a) Explain how law enforcement is done in computer forensics. **7**
b) Briefly explain the process of collecting the volatile data in digital forensics. **6**
9. a) Explain in detail about the types of business computer forensic technology. **7**
b) Explain about Hidden data and how its find it in digital forensic. **6**

OR

10. a) Write a short note on spyware and adware. **7**
b) Explain the specialized forensic techniques in detail. **6**
11. a) Describe about HSS (Homeland Security System). **7**
b) Explain the role of cyber detective with example. **7**

OR

12. Write a short note **any three**. **14**
- i) Computer forensic investigative services.
ii) Risk management technique.
iii) Occurrence of cyber crime.
iv) Internet tracking method.
