Total No. of Questions : 8]

SEAT No. :

P1339

[Total No. of Pages : 2

[4858] - 1083

T.E. (Computer Engineering) (Semester - I)

Computer Forensic & Cyber Applications

(2012 Pattern) (End-Sem)

Time : 3 Hours] *[Max. Marks : 70*

Instructions to the candidates:

1) ***Solve Q.1 or Q.2, Q.3 or Q.4, Q.5 or Q.6, Q.7 or Q.8.***
2) ***Neat diagrams must be drawn wherever necessary.***
3) ***Assume suitable data if necessary.***
4) ***Figures to the right indicate full marks.***

Q1) a) Explain schedule selection & coordination of sensor MAC. **[8]**

b) Explain staircase digital investigation process model with diagram. **[6]**

c) Describe in brief how computer intenders operate. **[6]**

OR

Q2) a) Define network topology & explain various network topologies. **[9]**

b) Describe four fundamental principles of handling digital crime scenes. **[6]**

c) Explain need of crime scene survey & documentation. **[5]**

Q3) a) Explain the following terms: **[8]**

i) Private key Encryption.

ii) Public key Encryption.

b) Write short note on preservation of Hardware as a Digital Evidence. **[8]**

OR

Q4) a) Write a short note on Cyber Stalking & Cyber stalkers? **[8]**

b) Write a short note on: **[8]**

Anonymity & Surreptitious Monitoring with respect to cyber stalking.

P.T.O.

Q5) a) Explain patents, copyrights, trademarks in detail. **[8]**

b) Explain in detail types of evidences on mobile devices. **[8]**

OR

Q6) a) Write a short note on file system traces on UNIX. **[8]**

b) Explain NTFS file system. **[8]**

Q7) a) Write short note on: **[9]**

i) Ethernet.

ii) ATM Networks.

b) Explain authentication & operating system logs in TCP/IP related digital evidence. **[9]**

OR

Q8) a) What is email forgery & tracking? **[9]**

b) Explain different Internet Services and justify Internet as an Investigative Tool. **[9]**