

Total No. of Questions : 8]

SEAT No. :

P4249

[Total No. of Pages : 2

[5353]-185

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

COMPUTER FORENSIC AND CYBER APPLICATIONS

(2012 Pattern)

Time : 2½ 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 Q8.*
- 2) *Neat diagram must be drawn whenever necessary.*
- 3) *Assume suitable data if necessary.*
- 4) *Figures to the right indicate full marks.*

- Q1)** a) Explain cyber crime Law with reference to United State Perspective. **[8]**
b) What is adaptive listening and Message passing in case of Sensor MAC? **[6]**
c) What is modus operandi? Explain with the motives behind it. **[6]**

OR

- Q2)** a) Compare circuit switchin and packet switching **[8]**
b) Explain the following in brief: **[12]**
i) Computer fraud and abuse act
ii) Best evidence and Hearsay
iii) Industrial Espionage investigations
iv) Comptuer intrusion

- Q3)** a) Whata is cyber stalking? Explain with suitable example **[8]**
b) What do you mean by hardware as a contraband and information as contraband? Also comment on Direct Vs Circumstantial evidence. **[8]**

OR

P.T.O.

- Q4)** a) How the attacker and Gender offender misuse internet? [8]
b) Explain any two types of computer investigations typically conducted in the corporate environment. [8]

- Q5)** a) Describe NTFS file system [8]
b) What is the role of mobile devices as source of evidence? Enlist the handling process? [8]

OR

- Q6)** a) Compare digital evidence on windows system & Unix systems. [8]
b) Explain in brief intellectual rights (IPR) [8]

- Q7)** a) What is the role of sniffer in evidence collection at physical layer? [8]
b) Enlist three common types of digital crime. How will you perform fraud detection in mobile and wireless network? [10]

OR

- Q8)** Write short notes on :(any three) [18]
a) Forensic science to the networks
b) E-mail forgery and tracking
c) Victim behavior analysis
d) Digital evidence on physical and data-link layers.

