

Total No. of Questions :8]

SEAT No. :

P2609

[Total No. of Pages :2

[5153] - 585

T.E. (Computer)

COMPUTER FORENSIC AND CYBER APPLICATIONS

(2012 Course) (Semester - I) (End-Semester)

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 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 in brief Indian IT Act. [8]

b) What are different digital investigation process models? Describe any one. [6]

c) Enlist the differences between switch and router. [6]

OR

Q2) a) Describe transmission media with example. [8]

b) What is victimology? Explain with example. [6]

c) How intruders make use of social engineering and reverse social engineering to achieve their motive? [6]

Q3) a) Explain different types of cyber stalker with example cases. [8]

b) Explain different steps used in examining the computer crime and prepare a investigation case for "Mouse theft from college lab". [8]

OR

P.T.O.

- Q4)** a) What is cyber stalking? Explain how cyber stalker operates. [8]
b) Explain the process of investigative reconstruction in case of violent crime. [8]
- Q5)** a) Describe NTFS file system. [8]
b) How to handle mobile devices as source of evidence? [8]

OR

- Q6)** a) Compare digital evidence on windows system & Unix systems. [8]
b) Explain in brief Intellectual Property Rights (IPR). [8]
- Q7)** a) What are the services provided by internet? Differentiate between static IP address and dynamic IP address. [9]
b) Write short note on fraud detection in mobile and wireless network. [9]

OR

- Q8)** a) Explain E-mail forgery and tracking in detail. [9]
b) Enlist the steps applied in forensic science to the Networks. [9]

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