[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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