P44

Oct.-16/TE/Insem.-44

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

COMPUTER FORENSIC & CYBER APPLICATIONS

(2012 Pattern)

Time : 1 Hour]   *[Max. Marks : 30*

Instructions to the candidates:

    1)   Solve Q.1 or Q.2, Q.3 or Q.4, Q.5 or Q.6.

    2)   Neat diagrams must be drawn wherever necessary.

    3)   Assume suitable data if necessary.

    4)   Figures to the right indicate full marks.

Q1) a)   What is switching? Compare packet switching and circuit switching techniques. **[6]**

    b)   Explain Guided transmission media with examples. **[4]**

OR

Q2) a)   Explain the functions of the following network components :-   **[6]**

       i)   Switch

       ii)   Bridge

       iii) Gateways

    b)   What is an adaptive listening technique of sensor MAC? **[4]**

Q3) a)   Enlist the levels of certainty in digital forensics. **[6]**

    b)   Comment on language of Computer Crime Investigation. **[4]**

OR

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Q4) a) Enlist the important features from Indian IT Act 2008 with reference to cyber crime and forensics. **[6]**

b) What is modus operandi? Explain with the motives behind it. **[4]**

Q5) a) Explain the following with example : - **[6]**
  i) Digital evidence as Alibi
  ii) Computer intrusion

b) Comment on role of Computer in Violent crime. **[4]**

<div align="center">OR</div>

Q6) a) Write short notes on :- **[6]**
  i) Gender offender on internet
  ii) Preservation of volatile data

b) Define the terms time as alibi and location as alibi. **[4]**

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