

INSEM AUG 2016

Total No. of Questions : 6]

P44

SEAT No. :

[Total No. of Pages : 2

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

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]

OR

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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