

Total No. of Questions : 6]

SEAT No. :

**P4962**

**TE/In Sem. - 150**

[Total No. of Pages :2

**T.E. (Computer)**

**COMPUTER FORENSIC & CYBER APPLICATIONS**

**( 2012 Course) (Semester -I) (310245)**

*Time : 1 Hour]*

*[Max. Marks : 30*

*Instructions to the candidates:*

- 1) *Answer question number 1 or 2, 3 or 4, 5 or 6.*
- 2) *Neat diagrams must be drawn wherever necessary.*
- 3) *Figures to the right indicate full marks.*

**Q1) a)** Explain twisted pair cable. **[5]**

b) Explain adaptive listening technique of sensor MAC. **[5]**

OR

**Q2) a)** What is slotted and pure ALOHA? Explain in detail. **[5]**

b) Differentiate between circuit switching and packet switching. **[5]**

**Q3) a)** What is Modus operandi? Explain MO behaviour with example. **[5]**

b) What measures should be taken while preserving a digital crime scene. **[5]**

OR

**Q4) a)** Define digital forensics & explain principles of digital forensics. **[5]**

b) Describe in detail the level of certainty in digital forensics. **[5]**

**P.T.O.**

**Q5) a)** Explain how time can be instrumental in investigating an alibi with example. [5]

b) Write short note on phishing. [5]

OR

**Q6) a)** Write short note on forensic preservation of volatile data. [5]

b) Explain steps in investigative reconstruction of a gender offence. [5]

