

Total No. of Questions : 08]

SEAT No. :

P2890

[4958]-1083

[Total No. of Pages : 2

T.E.(Computer Engineering)
COMPUTER FORENSIC & CYBER APPLICATIONS
(2012 Course) (Semester-I) (End-sem)

Time :2½Hours]

[Max. Marks : 70

Instructions to candidates:

- 1) *Solve Q1 or 2,Q3or 4, Q5 or 6 , Q 7 or 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 circuit switching, packet switching and message switching. [8]
b) Explain in brief Indian IT Act. [6]
c) Describe in brief how computer intruders operate [6]

OR

- Q2)** a) Describe the layers of OSI model with suitable diagram. [8]
b) Describe testimony of digital investigator in courtroom. [6]
c) Explain how location can be instrumental in investigating an alibi with example. [6]
- Q3)** a) Explain Private key and public key encryption. [8]
b) Write a short note on Email Encryption. [8]

OR

- Q4)** a) Write a short note on cyber stalking and cyber stalkers. [8]
b) Write short note on class & indivisual characteristics of digital evidence. [8]
- Q5)** a) Explain patents, copyrights& trademarks in detail. [8]
b) Describe FAT file system. [8]

OR

P.T.O.

Q6) a) Explain data recovery process in unix file system. [8]

b) Explain fundamentals of mobile device technology. [8]

Q7) a) Write short note on: Ethernet &ATM network. [9]

b) Explain role of sniffer in evidence collection at physical layer. [9]

OR

Q8) a) Explain E-mail forgery & Tracking in detail. [9]

b) Explain different internet services and justify internet as an investigation tool. [9]

