

S.E. Sem 3 (Rev.)
I.T.

Foundation of Information Technology
26/5/08

VT March 08 585

Con. 2614-08.

(REVISED COURSE)

CO-9559

(3 Hours)

[Total Marks : 100]

N.B. : (1) Question No. 1 is **compulsory**.

(2) Attempt any **four** questions out of remaining **six** questions.

1. (a) Explain the various threats to E-Commerce System ? 10
(b) What is meant by 1 + T.mL 5
(c) What do you mean by term 'Entropy of Information'. 5
2. (a) Why is there a need for Compression ? Compare between JPEG and MPEG Standards. 10
(b) Explain in brief the various steps involved in software development life cycle. 10
3. (a) Explain various Components (H/W and S/W) of Computer Network. 10
(b) What is Internet ? List and explain the importance usages of Internet. 10
4. (a) Explain in brief :- 10
(i) ORL
(ii) IP addresses
(iii) Transport layer of OSI Model.
(b) Explain Data Warehousing and Data Mining. 10
5. (a) Discuss different levels of management and information that an organisation need. 10
(b) Write the differences between :- 10
(i) LAN and MAN
(ii) E-Commerce and EDI.
6. (a) Explain in brief the classifications of Semiconductor memory. 10
(b) Explain the different types of multiplexing techniques that are evolved in field of Communication system. 10
7. Write short notes on (any four) :- 20
(a) Java
(b) TCP/IP
(c) GIS
(d) Cryptography
(e) ISDN.