



(Following Paper ID and Roll No. to be filled in your Answer Book)

PAPER ID : 1308Roll No.

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B. Tech.**(SEM. V) EXAMINATION, 2007-08
INFORMATION SYSTEMS***Time : 3 Hours]**[Total Marks : 100*

- Note :*
- (1) Attempt all the questions.*
 - (2) All questions carry equal marks.*

1 Attempt any two : 10×2=20

- (a) Differentiate between information system and MIS. What are the different information needs of different levels of management?
- (b) What is the advantage of computerized information system over manual information system ? Distinguish between transaction processing systems, office automation systems and decision support systems.
- (c) Discuss the characteristics of an effective management information system. What is a cybernetic system?

2 Attempt any two : 10×2=20

- (a) What is feasibility analysis? Explain the difference between Systems Analysis and Systems Design.
- (b) What is system testing? Explain the various types of testing.

- (c) Write short notes on the following :
- (i) Audit trail
 - (ii) Pert chart
 - (iii) Decision tree
 - (iv) System documentation.

3 Attempt any **two** : **10×2=20**

- (a) What is Human Resource Information System?
How would you computerize it?
- (b) Write short notes on the following :
- (i) E-commerce
 - (ii) EDI
 - (iii) JIT
 - (iv) Financial Information System.
- (c) Explain the different electronic communication tools and electronic conferencing tools.

4 Attempt any **two** : **10×2=20**

- (a) What are the various computer crimes identified so far ? What legal action is taken against these crimes ?
- (b) How should the IS function be managed globally in your view ?
- (c) What are firewalls? How security management should be done on internet ?

5 Attempt any **two** : **10×2=20**

- (a) How would you achieve C.R.M. in an organization ? What is the importance of C.R.M ?
- (b) Explain the advantages and limitations of FRP.
- (c) What is procurement system? What is the advantage of computerizing Procurement System?