

J 1228

B.E./B.Tech. DEGREE EXAMINATION, MAY/JUNE 2006.

Seventh Semester

Information Technology

IF 035 — MANAGEMENT INFORMATION SYSTEMS

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. What are the different approaches to management functions?
2. Distinguish between MIS and a Computer System.
3. What are the different types of decision?
4. Distinguish between data processing and information processing.
5. Specify any four types of systems and their functionalities.
6. When do you select prototype approach in the development of MIS?
7. Define the term seamless integration.
8. What care should be taken while selecting ERP package?
9. In web era, what threats are existing for business?
10. State the technologies that have enabled E-Business.

PART B — (5 × 16 = 80 marks)

11. (i) What is meant by the term organizing? Discuss the factors that are to be considered in organising. (8)
- (ii) How does MIS create impact on organisations functions, performance and productivity? (8)

12. (a) (i) Describe the use of Herpert Simon model in decision making process. (8)

(ii) How can the quality of information be measured on the four dimensions? Explain. (8)

Or

(b) (i) Give the generalised model of information processor. Explain how managers function as an information processor. (8)

(ii) Explain the following terms with an example for each : deterministic system, probabilistic system, closed system and open systems. (8)

13. (a) (i) What is spiral model? How can it be used for developing systems (8)

(ii) What are the steps of procedure design phase? Explain. (8)

Or

(b) (i) What are the four methods of determining the information requirements? Brief about each of them. (8)

(ii) Discuss the factors that lead to the failures of an MIS. (8)

14. (a) (i) What are semantic networks? How are they use to represent knowledge? (8)

(ii) Describe the components of EMS. (8)

Or

(b) (i) List out the vendor and technology evaluation factors that are to be considered in selecting ERP. (8)

(ii) Compare EMS and MIS. (8)

15. (a) (i) Explain the four models of E-Business. (10)

(ii) What are the applications of Internet? Explain. (6)

Or

(b) (i) In web enabled business, there is a greater need of knowledge workers. Explain. (8)

(ii) Explain the business model of any organisation, which you have studied as case study. (8)