Reg. No. : ☐☐☐☐☐☐☐☐☐☐☐☐

Question Paper Code : 65059

5 Year M.Sc. DEGREE EXAMINATION, MAY/JUNE 2013.

Fourth Semester

Software Engineering

XSE 243/10677 SW 406 — MANAGEMENT INFORMATION SYSTEMS

(Regulation 2003/2010)

Time : Three hours   Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1.   Show the framework of major areas of information system.

2.   What is data information system? Give an example.

3.   What are the characteristics of information at different managerial levels?

4.   Show that organizational pyramid of Information System.

5.   Define geographic Information System.

6.   Define artificial intelligence.

7.   What is information system planning?

8.   What are the avenues for systems acquisition?

9.   What are the risks to information system?

10. What are the goals of Information security?

PART B — (5 × 16 = 80 marks)

11. (a) Discuss the strategic uses of information systems, strategy and strategic moves and achieving a competitive advantages in IS. (16)

Or

(b) Define effectiveness and efficiency. Write a note on manufacturing and inventory control. Explain the applications of ERP, group ware and collaborative work. (16)

12. (a) Discuss the characteristics of effective information, managers and their information system and organizing information system and services. (16)

Or

(b) Define sector books. Describe the information systems architecture and management and challenges for IS Managers and Line Managers. (16)

13. (a) Compare DSS and EIS. Elaborate the decision making process and structured and unstructured problems in DSS components. (16)

Or

(b) Define and discuss the following :

(i) Sensitivity analysis. (4)

(ii) Expert systems. (4)

(iii) Knowledge representation methods. (8)

14. (a) Explain the various approaches to planning. Elaborate SDLC. (16)

Or

(b) Define CASE and project management. Write a note on systems development led by end user, systems integration and sources of information. (16)

15. (a) Discuss in detail the applications of MIS in decision making and organizational decision making in manufacturing sector. (16)

Or

(b) Explain in detail the organizational decision making in personnel and financial management. (16)

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