

MAY 2011

P/ID 6016/MBS

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Time : Three hours

Maximum : 80 marks

PART A — (8 × 5 = 40 marks)

Answer any EIGHT questions.

Each question carries 5 marks.

1. What are the various components of an information system?
2. Explain the terms 'Expert systems' and 'knowledge management systems'.
3. Explain the nature of information needed for tactical management.
4. Write a note on 'Sensitivity analysis'.
5. Explain the domains of Artificial Intelligence.
6. Explain the criteria for selection of computerisation projects.
7. Explain the various activities involved in the system definition stage.
8. Explain the need of system maintenance.
9. Explain the components of a computer system.

10. What are the advantages of high level languages?
11. Explain the features of multidimensional data base structure.
12. What are the factors to be considered in computer system selection?

PART B — (4 × 10 = 40 marks)

Answer any FOUR questions.

All questions carry equal marks.

13. Discuss various information system resources.
14. Discuss the various types of analytical modeling activities of decision support systems.
15. Discuss the role of marketing information system in support of major components of marketing function.
16. Discuss the various types of application software.
17. Discuss the features of various input devices.
18. Explain the various common software components and functions of a database management system.