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14MCM/MAR155

First Semester M.Tech Degree Examination, Dec.2015/Jan.2016
Modeling of Management Information Systems

Time: 3 hrs.

Max. Marks: 100

Note: Answer any FIVE full questions.

- 1 a. How do you classify Information system? Briefly explain each of them. (12 Marks)
b. Write a note on Organization of Management Information System. (08 Marks)
- 2 a. What are the skills required by the Managers for 21st century? (12 Marks)
b. Explain the Quality and Privacy issues of Information system. (08 Marks)
- 3 a. Explain the relationship between Organization and Information system. (09 Marks)
b. Write a note on Nature of Organization and Information requirements. (06 Marks)
c. Explain the 5 – Basic kinds of Organizations. (05 Marks)
- 4 a. Explain the different phases of decision making. (05 Marks)
b. Discuss the roles performed by managers in decision making. (05 Marks)
c. Explain the Rational model of decision making process. (10 Marks)
- 5 a. What is System Development Life Cycle [SDLC]? Explain the stages of SDLC with the help of diagram. (08 Marks)
b. How do you implement Management Information System? (08 Marks)
c. Write a note on Feasibility study. (04 Marks)
- 6 a. What is Object Orientation? Explain with examples. (10 Marks)
b. Write a note on Object Orientation Languages. (10 Marks)
- 7 a. What is Data Modeling? Why is Data modeling considered crucial? (08 Marks)
b. Explain the significance of Computer-Aided Systems Engineering [CASE] for Data modeling. (12 Marks)
- 8 Write short notes on the following :
 - a. Characteristics of DSS.
 - b. Models used in DSS.
 - c. Approaches of DSS.
 - d. Capabilities of DSS. (20 Marks)

Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.
2. Any revealing of identification, appeal to evaluator and /or equations written eg, 42+8 = 50, will be treated as malpractice.