

CBCS Scheme

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16MCM/MAR155

First Semester M.Tech. Degree Examination, Dec.2016/Jan.2017

Modeling of Management Information System

Time: 3 hrs.

Max. Marks: 80

Note: Answer FIVE full questions, choosing ONE full question from each module.

Module-1

- 1 a. How do you classify information system? (09 Marks)
b. Discuss the contemporary approaches to information system. (07 Marks)

OR

- 2 a. What are the skills of managers for 21st century? (12 Marks)
b. Explain the essentiality of strategic planning. (04 Marks)

Module-2

- 3 a. Define organization. Explain the features of organization. (11 Marks)
b. Explain the relationship between organizations and information system. (05 Marks)

OR

- 4 a. What is decision making? Explain programmed and non-programmed decisions. (08 Marks)
b. Explain the rational model of decision making process. (08 Marks)

Module-3

- 5 a. Explain the various stages of system development system cycle. (12 Marks)
b. What are the steps involved in prototyping process. (04 Marks)

OR

- 6 a. Explain the steps involved in object oriented analysis. (10 Marks)
b. Write a note on object oriented programming languages. (06 Marks)

Module-4

- 7 a. Why data modeling is considered as crucial? (07 Marks)
b. Explain the system concepts of data modeling. (09 Marks)

OR

- 8 a. Explain the steps in computer aided systems engineering for data modeling. (12 Marks)
b. Write a note on data flow diagram. (04 Marks)

Module-5

- 9 a. Explain the components of DSS. (06 Marks)
b. Write a note on DSS generators. (05 Marks)
c. What are the capabilities of DSS? (05 Marks)

OR

- 10 a. What are the characteristics of DSS? (04 Marks)
b. Write a note on DSS models. (06 Marks)
c. What are the types of DSS? (06 Marks)

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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.