USN ☐☐☐☐☐☐☐☐☐☐

Third Semester M.Tech. Degree Examination, Dec.2014/Jan.2015
Modeling of Management Information System

Time: 3 hrs.   Max. Marks: 100

Note: *Answer any FIVE full questions.*

1   a. Explain the different kinds of systems.   (08 Marks)
     b. List the major roles of information system.   (06 Marks)
     c. Write a note on organization of MIS.   (06 Marks)

2   a. Explain the steps involved in strategic planning.   (10 Marks)
     b. Write a note on information resource management.   (05 Marks)
     c. Explain the various security controls adopted for information system.   (05 Marks)

3   a. List the information requirements based on size of the organization.   (06 Marks)
     b. Briefly explain the relationship between organization and information system.   (08 Marks)
     c. Write a note on economic impacts on organizations.   (06 Marks)

4   a. Differentiate between programmed and non-programmed decisions.   (06 Marks)
     b. Explain the roles performed by managers in decision making.   (08 Marks)
     c. Explain three organizational models of decision making.   (06 Marks)

5   a. What do you mean by information system prototyping? List and describe steps in the prototyping process.   (12 Marks)
     b. Explain various specifications for the system design.   (08 Marks)

6   a. What is object orientation? Explain with an example.   (06 Marks)
     b. Explain how the system is developed through object oriented technology (OOT).   (10 Marks)
     c. Write a note on OOT and MIS.   (04 Marks)

7   a. Explain the system concepts for data modeling in detail.   (10 Marks)
     b. What is process modeling? Explain the steps involved in the construction of process model.   (10 Marks)

8   a. Define DSS. List the characteristics of DSS.   (08 Marks)
     b. Explain the different approaches of DSS.   (06 Marks)
     c. Explain the different types of DSS.   (06 Marks)

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