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Total No. of Questions : 08

M.Tech.(CAD/CAM) (E-I)   (Sem.–1)
MANAGEMENT INFORMATION SYSTEMS
Subject Code : ME-511
Paper ID : [E0867]

Time : 3 Hrs.   Max. Marks : 100

INSTRUCTION TO CANDIDATES :
1. Attempt any FIVE questions out of EIGHT questions.
2. Each question carries TWENTY marks.

1. a) What are the different types of information and what are the characteristics of information?

   b) With the aid of suitable examples, explain the difference between functional requirements and non-functional requirements, and why both are essential for the successful development of an MIS.

2. Discuss the role of information systems in organisations in local and global context with suitable examples.

3. a) Discuss the importance of decision support system in an organisation.

   b) What is the decision support system? Distinguish between MIS and decision support system.

4. Is it necessary to follow system analysis and design methodologies when building an information system? Why not just build the system in any random manner? What would happen?

5. a) What is the significance of using tools to develop information systems? Discuss.

   b) Describe structural tools for analysis and design in brief.

6. a) Explain components of DBMS.

   b) Write a note on database models and their significance.

7. a) In the form of a report to senior management, compare and contrast the concepts of data protection and information security management as they apply to MIS in an internet based commercial organisation.

   b) Discuss advantages and disadvantages of ERP system.

8. Write short notes on following :

   a) History of information systems.

   b) Organisational implications of client server computing.