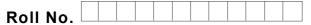
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## M.Tech.(CAD/CAM) (E-I) (Sem.–1) MANAGEMENT INFORMATION SYSTEMS Subject Code : ME-511 Paper ID : [E0867]

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.