Roll No.						Total No. of Pages: 02

Total No. of Questions: 08

M.Tech.(CAD/CAM) (E-I) (Sem.-1) MANAGEMENT INFORMATION SYSTEMS

Subject Code: ME-511 M.Code: 23512

Time: 3 Hrs. Max. Marks: 100

INSTRUCTION TO CANDIDATES:

- 1. Attempt any FIVE questions out of EIGHT questions.
- 2. Each question carries TWENTY marks.
- Q1 a. "Management Information Systems can play a pivotal role in business competitiveness and leverage". Explain the statement with at least two examples. 8
 - b. How do the technical trends and innovation in information systems influence the embedding of information systems in an industry scenario? Discuss some of the enigmas related to information systems.
- Q2 a. What is the significance of the Work Centred Analysis in analysing information systems from a business perspective? Explain with the help of an example.
 - b. "As organizations are not monoliths, designing one type of information system across the entire organization would lead to a sub-optimal solution". Justify the statement from the point of view of functional differentiation and organizational hierarchy perspective.
- Q3 a. Explain the Decision Support System (DSS) in detail. How does DSS help managers in organization?
 - b. "Information system planning a crucial activity in the analysis and design of the information system". Explain.
- Q4 a. Compare and contrast different information system development methodologies. Explain the conditions under which each is applicable.
 - b. Using examples, discuss **any two** tools used for the analysis and design of information systems?

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- b. What is the importance of database models in the development of information systems?
- Q6 a. Why the design of information systems does necessitate issues related to information system security and control? Elaborate the aspects of information system security and control from the contemporary point of views.
 - b. How are strategic information systems different from non-strategic information systems? Giving two examples, explaining strategic information systems, emphasizing the significance of these systems in the business.
- Q7 a. What is Client Server computing? How does it aid in improving the effectiveness and efficiency of information systems?
 - b. Explain the concept of ERP systems? How do embedding ERP systems prove to be advantageous in the industry scenario?
- Q8 Write short notes on the following Technical trends and innovation in information systems:
 - a. Management, Information and Systems
 - b. Expert systems
 - c. Implementation strategies in information system
 - d. End user development methodology

NOTE: Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.

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