

III B.Tech I Semester Supplementary Examinations, May 2005
MANAGEMENT INFORMATION SYSTEMS
(Information Technology)

Time: 3 hours

Max Marks: 70

Answer any FIVE Questions
All Questions carry equal marks

1. Describe the effect of applying computer technology to information systems in terms of:
 - (a) Scope of information system
 - (b) Complexity of system design and operation
2. Of what concern would the formal organization structure be to an information systems designer?
3. "The Production/Operations System is one area that is highly amenable to computerization". Explain this statement with reference to
 - (a) The characteristics of the type of information that lends itself best to computer use.
 - (b) The integration of sub systems through the Information flow in the production/Operations Systems
4.
 - (a) Categorise the boundaries of management decisions and illustrate how the amenability to programming changes from the simplest to the complex forms of decision making.
 - (b) In a simulation process for example, inter-arrival times for which the average inter-arrival time is $1/T$ and the probability function is a negative exponential one, explain how the randomly generated values between 0 and 1 are linked with the inter arrival times.
5. Define different classes of system objectives
6. "The objectives of the organisation influence the objectives of System Design". Discuss.
7. Can it be possible to develop a unique clear-cut method for measuring the cost and benefits of a new MIS? Discuss.
8. What are the fundamental weaknesses in the firm, which affects the development of MIS?
