MCA
(SEM. IV) EXAMINATION 2006-07
MANAGEMENT INFORMATION SYSTEM

Time : 3 Hours] [Total Marks : 100

Note : (1) Attempt all the questions.
(2) All questions carry equal marks.

1 Attempt any four parts : 5x4=20

(a) Explain various classes of information system.
(b) Describe any two characteristics of successfully managing with information.
(c) Describe ‘subsystem concept’ of information system management.
(d) How the information system is used as a strategic tool, explain.
(e) Describe the factors to be considered for long range information system planning
(f) How the effectiveness of an information system in ascertained ?
2 Attempt any two parts: \[10\times2=20\]

(a) Describe the process of building a business model for information system management.

(b) Explain the following in brief:-  
   (i) Data dictionary  
   (ii) File structure  
   (iii) Structured query language  
   (iv) Network model of data base system.

(c) Describe various types of long range communication.

3 Attempt any two parts: \[10\times2=20\]

(a) Describe ‘Intranet’ and ‘extranet’. Write their specific applications with suitable examples.

(b) Write a detailed note on business environment in 21\textsuperscript{st} century and impact of information system.

(c) Discuss the information system for strategic advantage. Support your answer with suitable examples.

4 Attempt any two parts: \[10\times2=20\]

(a) Discuss the role of information system in globalization of education.

(b) Describe the ‘privacy issue’ of information system management in global sharing of information.

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(c) How the challenges and threats in implementing MIS are overcome? Discuss with suitable examples.

5 Attempt any four parts: 5×4=20

(a) Discuss the steps of ERP implementation.

(b) What is ‘electronic data interchange’? How is it used in supply chain management.

(c) Write a brief note on CRM.

(d) How the efficiency of two supply chains having same starting and end points is compared?

(e) Discuss the possible reasons of failure of ERP implementation.

(f) What is the role of MIS in procurement? Explain with suitable examples.