

B1.1-R5 : MANAGEMENT FUNDAMENTALS AND INFORMATION SYSTEMS

NOTE :

1. Answer question 1 and any FOUR questions from 2 to 7.
2. Parts of the same question should be answered together and in the same sequence.

Total Time : 3 Hours

Total Marks : 100

1. (a) Explain Management Science Approach. What are its objectives ?
(b) Differentiate between Open and Closed type of Information Systems.
(c) What are the differences between MIS and EIS ?
(d) What are the characteristics of Enterprise Resource Planning ?
(e) Describe the role of Post Implementation Reviews in the System development cycle.
(f) What is the role of information system in an organization ?
(g) What are the principles of Information Security ? (7x4)
2. (a) What are the different stages of implementing ERP ? Elaborate.
(b) Explain the Transaction Processing System and its various applications. (9+9)
3. (a) Describe the different organizational levels and also discuss the fundamental role of each level in the organization with suitable sketch.
(b) Elaborate the differences in top-down and bottom-up approach of Information Security. (9+9)
4. (a) What is SWOT Analysis ? Explain all the components of SWOT.
(b) How the risk is assessed and managed in information systems ? Explain the various risk assessment methodologies and tools. (9+9)
5. (a) 'Rapid Application Development (RAD) is a paradigm to expedite the development and delivery of software.' Justify the correctness of the statement.
(b) What are the major stages of Planning in the process of managing an organization ? Explain. (9+9)
6. (a) What are the phases to manage Project in its life cycle ? Illustrate the same with the help of example case study.
(b) Explain software evaluation and hardware evaluation and selection process with the help of proper example ? (9+9)
7. Write Short notes on the following :
(a) Supply Chain Management
(b) SAP as an ERP
(c) Scaled Agile framework (6+6+6)

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