

CORE COURSE V – MANAGEMENT INFORMATION SYSTEM

Credit Allotted: 5

Max. Marks: 75

Objectives :

UNIT – I

Fundamentals of information systems – Concept of Information – Concept of System, Sub-system, system approach – Information system – Tools for information System - Meaning and Definition of MIS - MIS design, Development, Implementation and Maintenance.

UNIT – II

Information Technology – Concepts – Architecture - Computer Hardware & Trends in computer Hardware & Computer peripherals - Computer software – system software – Application software – Database management – File management – Database models, Database management system – Client server computing.

UNIT – III

Role of communication -Trends in communication – Telecommunications and Networks – communication direction, synchronization, channels and media – Network Technology. – Tele communications Alternatives – DTP – Image processing – Electronic communication system – electronic meeting system.

UNIT – IV

Information system applications: Information system for management functions – Information system for Business functions- Accounting, Finance, Manufacturing and Inventory control, Marketing - Human resource Information System and Geographic information system – Applications of Information Technology in E-Business.

UNIT – V

Strategic and managerial implication of Information system – Managing information system resources – Other information system, Information system models - TPS – Office automation – Decision support system – Executive information System – Artificial Information system – Enterprise Resource Planning.

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TEXT BOOK

James O'Brien,“Management Information Systems”, TataMcGraw Hill Publishing Co.Ltd.

BOOKS FOR REFERENCE

1. L.M.Prasad & Usha Prasad, “Management Information Systems”, Sultan Chand & Sons
2. A.K.Gupta, “Management Information Systems”, S. Chand & Co. Ltd.
3. Kenneth C. Laudon & Jane P. Laudon, “Management Information Systems”, Prentice Hall of India (P) Ltd.