MANAGEMENT INFORMATION SYSTEM & ELECTRONIC DATA PROCESSING

Introduction – The environment of organizations – Information flows – Information needs and sources of information types of management decisions and information need – Business and Technical Dimensions of information.

1. SYSTEM CONCEPT:

System classification – system concept system – characteristics. The elements of systems Input, output, process, Feed back control and boundary – system function and operations. Transactions processing information system.. Information system for managers – Intelligence information systems – Decision support systems. Integration of information systems – The meaning and role of M.I.S.

2. SYSTEM ANALYSIS & DESIGN:

The work of system analyst – The assignment brief and mutual investigation – feasibility study – system design – Data collection and preparation – Detailed system Design – Implementation – Evaluation and maintenance of MIS – Pitfalls in mis-development.

3. FUNCTIONAL MANAGEMENT INFORMATION SYSTEMS:

Production information system – marketing information system – Accounting Information System – Financial Information System – personnel information system. Interrelationship of functional management information systems.

4. FUNDAMENTALS OF COMPUTER SYSTEMS:

General characteristics of Computer information system: The important role of computer – Type of computers – information systems CPU I/O devices, computer software – operating systems Programming language – Application software. Manual system computer system.

5. DATE BASE SYSTEMS:

Information as a resource – meaning of Data base components of database – DBMS – Data Base Technology – Operations data base – managerial database – comparison of DBMS – Design Principles of data base – Data base administration – Advantages and disadvantages of data base.

6. COMPUTER POWER : SOURCE & SELECTION:

Collection purchase – Computer rental from the manufacturer – computer lease from a third party – Acquision of a used Computer – Computers – service centers – third Sharing companies – Facilities management Companies – The criteria for choice – Computer system selection – Acquiring a small business computer – Source selection.

REFERENCE:

1. Principles of Management information Systems by G.M.Scott Ph.D. Mcgraw – Hill Education.
2. Management information System by Davis and Oison Mcgraw Hill Education.