B. Com (Hons.) (Accounting and Taxation)

SKILL ENHANCEMENT COURSE (SEC)

SEMESTER-VI

(BCB33606T): MANAGEMENT INFORMATION SYSTEM

Max Marks: 100
External Marks: 70
Internal Marks: 30
Pass: 40%
Credits: 4

Objective:

To develop decision making and management skills for learners in any organization based on information provided by MIS.

Course Outcomes:

CO1	To learn the structure and classification of management information system.
CO2	To get basic knowledge of system development models.
CO3	To have knowledge of system analysis and system design.
CO4	To understand the implementation and evaluation of management information system.

SECTION A

Block I

Introduction to Management Information Systems (MIS): Definition of MIS, Evolution of MIS, Concepts of MIS, Importance of MIS, Objectives of MIS, Information Technology, Characteristics of MIS, Functions of MIS, Limitations of MIS. **Structure of MIS:** MIS Structure based on physical components, processing functions, management activities, decision making and organizational functions.

Block II

Classification of MIS: Transactional Processing System (TPS), Management Information System (MIS), Decision Support System (DSS), Executive Support System (ESS), Expert System and Office Automation System (OAS). Functional Information System. Information and System Concepts: Data, Information, Characteristics of Information, Dimensions of Information, System, Types of System, Elements of System, Human as an Information Processing System. Decision Making & MIS: Decision Making, Simon's Model of Decision Making, Types of Decisions, Methods for Choosing among Alternatives, Decision Making and MIS.

SECTION B

Block III

System Development Approaches: System Development Life Cycle (SDLC), Phases of SDLC, System Development Models: Waterfall Model, Prototyping, Iterative Enhancement Model and

Spiral Model. System Analysis: Requirement Determination, Strategies for Requirement Determination, Structured Analysis Tools: Data Flow Diagram (DFD), Data Dictionary, Structured English, Decision Trees, Decision Tables.System Design: Objectives of System Design, Conceptual Design, Design Methods, Detailed System Design.

Block IV

Implementation and Evaluation of MIS: Implementation Process, Hardware and Software Selection, Evaluation of MIS, System Maintenance. Information System Planning: Planning Terminology, The Nolan Stage Model, The Four Stage Model of is Planning, Selecting a Methodology, Information Resource Management (IRM).

Suggested Readings:

1. D.P.Goyal,(2014). Management Information Systems. S Chand
2. Robert G.Murdick,Joel E.Ross,James R.Claggett, (2012). Information Systems for Modern Management, Prentice Hall of India Pvt. Ltd.
3. Gordon B. Davis, M.H.Olson, (1985). Management Information Systems: Conceptual Foundations, Structure & Development, McGraw-Hill Book Co.
4. Hitesh Gupta, (2012) Management Information System
5. W.S .Jawadekar, (2014). Management Information Systems,Tata McGraw-Hill Publishing Co.

INSTRUCTIONS FOR THE PAPER SETTER/EXAMINER:

1. The syllabus prescribed should be strictly adhered to.
2. The question paper will consist of three sections: A, B, and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 10 marks each. The candidates will attempt two questions from each section.
3. Section C will have fifteen short answer questions covering the entire syllabus. Each question will carry 3 marks. Candidates will attempt any ten questions from this section.
4. The examiner shall give a clear instruction to the candidates to attempt questions only at one place and only once. Second or subsequent attempts, unless the earlier ones have been crossed out, shall not be evaluated.
5. The duration of each paper will be three hours.

INSTRUCTIONS FOR THE CANDIDATES:

Candidates are required to attempt any two questions each from the sections A and B of the question paper and any ten short questions from Section C. They have to attempt questions only at one place and only once. Second or subsequent attempts, unless the earlier ones have been crossed out, shall not be evaluated

05/2/25