

ALLAMA IQBAL OPEN UNIVERSITY, ISLAMABAD
(Department of Computer Science)

WARNING

1. **PLAGIARISM OR HIRING OF GHOST WRITER(S) FOR SOLVING THE ASSIGNMENT(S) WILL DEBAR THE STUDENT FROM AWARD OF DEGREE/CERTIFICATE, IF FOUND AT ANY STAGE.**
2. **SUBMITTING ASSIGNMENTS BORROWED OR STOLEN FROM OTHER(S) AS ONE'S OWN WILL BE PENALIZED AS DEFINED IN "AIOU PLAGIARISM POLICY".**

Course: Management Information System (3461) Semester: Autumn, 2013
Level: BS (CS) Total Marks: 100

ASSIGNMENT No. 1
(Units: 1–4)

Note: All questions are compulsory. Each question carries equal marks.

- Q. 1 (a) What is meant by Management Information System (MIS)? Explain it in detail with the help of suitable examples.
(b) What are the goals of information systems? How may these goals be achieved?
- Q. 2 (a) What is management? How do the activities performed by different levels of managers differ?
(b) What are some of the trends that have caused information systems to assume a key role in modern organizations?
- Q. 3 (a) What is the difference between a logical and physical description of a system? Provide an example of a system and describe it both logically and physically.
(b) Identify and describe the components and elements typically found in system models.
- Q. 4 (a) What is an organization? Discuss some important dimensions that organization theorists consider to classify organizations?
(b) Identify several types of organizational structures and explain how these affect MIS design and development?
- Q. 5 Write a note on the following topics:
- Goals of MIS
 - Levels of MIS
 - Characteristics of System
 - Organization as Socio Technical System

ASSIGNMENT No. 2
(Units: 5–8)

Total Marks: 100

Note: All questions are compulsory. Each question carries equal marks.

- Q. 1 (a) What is a transaction? Provide suitable examples of different types of organizational transactions.
(b) What are some of the major problems associated with manual transaction processing system?
- Q. 2 (a) What are the differences between transaction processing systems and decision support systems?
(b) What are the characteristics of each of the steps in transaction processing cycle?
- Q. 3 (a) What is a decision support system? What are its primary components of a decision support system?
(b) Explain in detail the decision support system development tools.
- Q. 4 (a) What are the typical activities of work groups and desktop organizers?
(b) What are the major characteristics of word-processing packages in the market today?
- Q. 5 Write notes on the following topics:
- Types of Decision
 - Development of Workgroup MIS

Management Information System (3461/3507) Credit Hours: 3 (3+0)

Recommended Book:

Management Information System by Charles Parker

Course Outlines:

Unit No. 1 Introduction to MIS

Management, Information, System Concept, Definition, Goals, Definition of MIS

Unit No. 2 MIS Structure

Levels of MIS, Subsystems of MIS, Operating Elements of MIS, MIS Basic Structure, Issues of MIS Structure, Goals of MIS

Unit No. 3 System

System, Characteristics of System, Elements, Types, Subsystems, System Concept and Organization

Unit No. 4 Organizational Structure

Basic Model of Organizational Structure, Organizational Culture and Power, Organizational Change, Organization as Socio Technical System

Unit No. 5 Fundamental Types of MIS

Transaction Processing System, Information Mangers with MIS, Decision Support System, Office Automation System, ESS

Unit No. 6 Decision Making

Concept of Decision, Phases of Decision, Types of Decision, Decision Making Process, Evaluation with Decision Making

Unit No.7 Personal Information Management System

Introduction, Functions, Components, Development of PIS

Unit No. 8 Workgroup Management Information System

Introduction, Functions Components Development of Workgroup MIS

Unit No. 9 IRM and MIS Management

IRM Introduction, Quality Assurance, Evaluation of MIS, Planning and Budgeting MIS, Security and Recovery Procedures

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