

**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 (3507)**  
**Level: MBA-IT**

**Semester: Spring, 2013**  
**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 information, information resources management, and management information system (MIS)?  
(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) In what ways may power influence an MIS environment? Why is leadership important in this environment?  
(b) How do the roles and responsibilities of the various types of MIS personnel differ?
- Q. 5 (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?

**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? What are the characteristics of each of the computer-based transaction processing?
- 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 types of activities are performed during the intelligence phase of decision making? What types of information systems are needed to support these activities?
- (b) What are the differences among different types of decisions? What types of information systems are most useful for each type of decision?
- Q. 5 (a) What are the typical activities work groups and desktop organizers?
- (b) What are the major characteristics of word-processing packages in the market today?

**Management Information System (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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