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

Course: Management Information System (3461)   **Semester: Autumn, 2012**
Level: BS (CS)   **Total Marks: 100**
                                                        Pass Marks: 50

SSIGNMENT No. 1
(Units: 1–4)

Note: All questions are compulsory and carry equal marks.

Q. 1 (a) What is meant by information, information resource management, and management information system (MIS)?

(b) What are the goals of information system? 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   **Pass Marks: 50**

Note: All questions are compulsory and carry equal marks.

Q. 1 (a)   What is a transaction? Provide suitable examples of different types of organizational transactions.

   (b)   What are the some of the major problems associated with manual transaction processing systems? What are the major benefits of 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 the 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 of work groups and desktop organizers?

   (b)   What are the major characteristics of word-processing packages in the market today?

3461 Management Information System   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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