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NOIDA INSTITUTE OF ENGINEERING AND TECHNOLOGY, GREATER NOIDA
(An Autonomous Institute Affiliated to AKTU, Lucknow)

MBA (Integrated)

SEM: III - THEORY EXAMINATION (2025 - 2026)

Subject: Management Information System

Time: 2.5 Hours

Max. Marks: 60

General Instructions:

IMP: Verify that you have received the question paper with the correct course, code, branch etc.

1. This Question paper comprises of three Sections -A, B, & C. It consists of Multiple Choice Questions (MCQ's) & Subjective type questions.

2. Maximum marks for each question are indicated on right -hand side of each question.

3. Illustrate your answers with neat sketches wherever necessary.

4. Assume suitable data if necessary.

5. Preferably, write the answers in sequential order.

6. No sheet should be left blank. Any written material after a blank sheet will not be evaluated/checked.

SECTION-A

15

1. Attempt all parts:-

1-a. _____ technology includes computers hardware, software, database management systems, and data communication system. (CO1,K2) 1

- (a) Information
- (b) Computer
- (c) Marketing
- (d) All of the these

1-b. The person who ensures that systems are developed on time, within budget, and with acceptable quality is a _____(CO2,K1) 1

- (a) systems designer
- (b) project manager
- (c) systems owner
- (d) external system user

1-c. Which of the following describes an ERP system? (CO3, K2) 1

- (a) ERP systems provide a foundation for collaboration between departments
- (b) ERP systems enable people in different business areas to communicate
- (c) ERP systems have been widely adopted in large organisations to store critical knowledge used to make the decisions that drive the organisation's performance
- (d) All of these

1-d. A modem is a device used for _____(CO4, K1) 1

- (a) Storing data on a computer system
- (b) Converting digital signals to analog signals
- (c) Managing software applications

(d) Protecting against malware	
1-e. In the context of system design, what does the term "data management" refer to _____(CO5,K1)	1
(a) Organizing human resources	
(b) Efficient storage and retrieval of data	
(c) Decision support system design	
(d) Output design	
2. Attempt all parts:-	
2.a. List down the primary objectives of MIS in an organization? (CO1,K1)	2
2.b. What is the primary goal of Information Systems Planning? (CO2,K2)	2
2.c. What is the role of Artificial Intelligence (AI) in E-Commerce? (CO3,K2)	2
2.d. Define a flowchart and explain its purpose in data processing. (CO4,K2)	2
2.e. Explain File,File Organisation,File Management in detail. (CO5,K2)	2
<u>SECTION-B</u>	15
3. Answer any <u>three</u> of the following:-	
3-a. Explain the key components of a Management Information System. (CO1,K2)	5
3-b. Explain the purpose of the Planning phase in the SDLC for MIS.(CO2,K2)	5
3.c. Examine the concepts of E-commerce and E-business in the context of Management Information Systems. (CO3, K3)	5
3.d. Discuss the importance of user training and acceptance during the transition from a manual information system to a computer-based system. (CO4, K2)	5
3.e. Discuss the fundamental characteristics of Managerial Decision Making and how these characteristics influence organizational outcomes.(CO5,K2)	5
<u>SECTION-C</u>	30
4. Answer any <u>one</u> of the following:-	
4-a. Explain how the system approach considers the human element in MIS planning, organizing, and controlling.(CO1,K2)	6
4-b. Explain the process of identifying information needs within an organization before implementing an MIS. (CO1, K2)	6
5. Answer any <u>one</u> of the following:-	
5-a. Explain the concept of feasibility in the context of Systems Development in Management Information Systems. (CO2, K3)	6
5-b. Determine the significance of conducting a feasibility study in the early stages of system development in MIS. (CO2, K3)	6
6. Answer any <u>one</u> of the following:-	
6-a. Discuss the key ERP modules commonly found in Management Information Systems and highlight their features and functionalities. (CO3, K3)	6
6-b. Examine the key benefits of implementing an ERP system in Management Information Systems for organizations. (CO3,K3)	6
7. Answer any <u>one</u> of the following:-	
7-a. Discuss the process and benefits of customization in application software to suit	6

specific industry requirements, considering both advantages and limitations.
(CO4,K2)

- 7-b. Explain the importance of user training and acceptance during the transition from a manual information system to a computer-based system, outlining the strategies for effective implementation.(CO4,K2) 6
8. Answer any one of the following:-
- 8-a. Discuss the role of Managerial Decision Making in shaping organizational strategy. Provide real-world examples and analyze how effective decision-making influences long-term success.(CO5, K2) 6
- 8-b. Compare and contrast the components of a Decision Support System (DSS), considering their interdependencies and impact on the decision-making process within an organization.(CO5,K2) 6

REG_JULY_DEC_2025