R.N.G.PATEL INSTITUTE OF TECHNOLOGY-RNGPIT
(An Autonomous Institute U/s UGC Act 1956)

IMBA SEMESTER-III, SEMESTER END EXAMINATION – WINTER 2025

SUBJECT CODE: 1BB0305   **DATE: 26-12-2025**
SUBJECT NAME: MANAGEMENT INFORMATION SYSTEM
TIME: 11:00 AM to 01:30 PM   **TOTAL MARKS: 70**

Instructions

1. It is **compulsory** for students to write **Enrolment No. /Seat No.** on the question paper.
2. Write answers of **Section A** and **Section B** in **separate answer books**.
3. Attempt all questions from both **Section A** and **Section B**.
4. Each section carries **35 marks**, with a total of **70 marks** for the examination.
5. The figures to the right of each question indicate full marks, make suitable assumptions with justification.
6. BL - Bloom's Taxonomy Levels (R-Remember, U-Understanding, A –Application, N –Analyze, E – Evaluate, C -Create), CO - Course Outcomes.

SECTION A

		Marks	BL	CO

Q.1 Multiple-Choice Questions   **[05]**

(a) MIS helps managers mainly in: **1   U   1**

    (i) Performance analytics   **(ii)** Routine data entry tasks

    (iii) Data transcription   **(iv)** Inventory labelling

(b) One important component of MIS that stores data is: **1   R   1**

    (i) Database   **(ii)** Control unit

    (iii) Encryption layer   **(iv)** Output module

(c) Role of information in decision-making is to: **1   U   1**

    (i) Delay managerial actions   **(ii)** Replace managers

    (iii) Provide accurate facts that guide choices   **(iv)** Replace human judgment completely

(d) ERP is mainly used to: **1   U   2**

    (i) Track personal notes   **(ii)** Change screen themes

    (iii) Integrate business processes   **(iv)** Store casual files

(e) TPS is used for: **1   R   2**

      (i) Tracking travel routes   **(ii)** Editing images

      (iii) Handling routine transactions   **(iv)** Writing stories

Q.2 Attempt Any Two   **[10]**

(a) Define Management Information System (MIS) and discuss its importance in business decision-making.   **5   U   1**

(b) Explain the role of information in managerial decision-making.   **5   R   1**

(c) Write the main features and goals of MIS with one example of system connection.   **5   U   1**

Q.3 Attempt Any Two   **[10]**

(a) Define ERP and describe its main modules.   **5   R   2**

(b) Write down Decision Support System with its functions and applications.   **5   U   2**

(c) Define CRM and explain its main functions.   **5   U   2**

Q.4 Attempt Any Two   **[10]**

(a) Explain Components of MIS.   **5   R   1**

(b) Write down Executive Support System with its functions and applications.   **5   U   2**

(c) A small business has been recording sales and customer details manually in notebooks. The owner is planning to shift to an MIS system to manage data more efficiently.   **5   A   2**

    1. What problem might the business face while using a manual system?

    2. How can an MIS system make the business work faster?

SECTION B

Q.5 Multiple-Choice Questions [05]

   (a) Which of the following best defines data?   **1 R 3**

      (i) Processed and meaningful facts   **(ii)** Raw facts and figures

      (iii) Information used for decision-making   **(iv)** Analyzed report for management

   (b) How does a Database Management System (DBMS) help in managing data?   **1 U 3**

      (i) By storing data in printed form   **(ii)** By deleting unnecessary data automatically

      (iii) By allowing data to be stored, organized, and retrieved efficiently   **(iv)** By restricting access to all users

   (c) Which of the following best explains the role of cloud computing in Management Information Systems (MIS)?   **1 U 3**

      (i) It replaces all physical hardware in offices   **(ii)** It is used only for gaming applications

      (iii) It prevents cyberattacks automatically   **(iv)** It enables remote data storage and access through the internet

   (d) In the Finance function, MIS is mainly used for_____   **1 U 4**

      (i) Conducting market research   **(ii)** Tracking sales performance

      (iii) Budgeting and financial forecasting   **(iv)** Managing employee leave records

   (e) How does Artificial Intelligence (AI) enhance the effectiveness of MIS?   **1 U 4**

      (i) By enabling faster data analysis and better decision-making   **(ii)** By increasing manual data entry

      (iii) By eliminating the need for databases   **(iv)** By replacing all human employees

Q.6 Attempt Any Two [10]

   (a) Explain the functions of a Database Management System (DBMS) in handling organizational data.   **5 U 3**

(b) What is data security? Describe any two common cybersecurity measures used to protect organizational information.   **5   R   3**

(c) Discuss the ethical and legal issues that can arise in the use of MIS. Give suitable examples.   **5   A   3**

Q.7 Attempt Any Two   **[10]**

(a) What is E-commerce? Describe any two common digital business models used in online business.   **5   R   4**

(b) Explain any two benefits and two challenges of using MIS in organizations.   **5   A   4**

(c) Discuss any two future trends in Management Information Systems (MIS) that are shaping modern organizations.   **5   U   4**

Q.8 Attempt Any Two   **[10]**

(a) What are the basic principles of maintaining data privacy and security in an organization?   **5   A   3**

(b) Explain any two advantages and two challenges of using cloud-based MIS solutions   **5   N   4**

(c) Explain the main components of a Database Management System (DBMS).   **5   U   3**

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