Enrollment No.....................................

Faculty of Commerce
End Sem Examination May-2024
CM3EC11 Management Information System
Programme: B.Com. (Hons.)   Branch/Specialisation: Commerce

Duration: 3 Hrs.   **Maximum Marks: 60**

Note: All questions are compulsory. Internal choices, if any, are indicated. Answers of Q.1 (MCQs) should be written in full instead of only a, b, c or d. Assume suitable data if necessary. Notations and symbols have their usual meaning.

Q.1 i. The backbone of any organization is- **1**
        (a) Information   (b) Employee
        (c) Management   (d) Capital

    ii. A collection of related data- **1**
        (a) Information   (b) Valuable information
        (c) Database   (d) Metadata

    iii. Database is generally _____. **1**
        (a) System-centered   (b) User-centered
        (c) Company-centered   (d) Data-centered

    iv. Simon (1960) is associated with what type of decision-making model? **1**
        (a) Rational   (b) Classical
        (c) Programmed   (d) Administrative

    v. Computer Network is- **1**
        (a) Collection of hardware components and computers
        (b) Interconnected by communication channels
        (c) Sharing of resources and information
        (d) All of these

    vi. A term that refers to the way in which the nodes of a network are linked together- **1**
        (a) Network   (b) Topology
        (c) Connection   (d) Interconnectivity

vii. DBMS manages the interaction between _____ and **1**
database.
(a) Users   (b) Clients
(c) End Users   (d) Stake Holders

viii. Which of the following features usually applies to data in a data **1**
warehouse?
(a) Data are often deleted
(b) Most applications consist of transactions
(c) Data are rarely deleted
(d) Relatively few records are processed by applications

ix. The _____ is defined as a set of activities performed across the **1**
organization creating as output of value to the customer.
(a) Development process   (b) Business process
(c) Quality process   (d) Customer focus

x. In MIS system design, the sources of information may be **1**
categorized as _____ and _____.
(a) Internal, External
(b) Personal, Organizational
(c) Useful, Senseless
(d) Constructive, Destructive

Q.2 i. What is data, database, database management and database **4**
management information system?

ii. Discuss any three contemporary approaches to MIS. **6**

OR iii. Discuss any three types of information systems. **6**

Q.3 i. Define decision making and also discuss any two types of **4**
decisions with example.

ii. Explain any three models of decision making. **6**

OR iii. What is information? Also discuss the attributes of Information. **6**

Q.4 i. Define information technology and telecommunication. **4**

ii. Explain any three types of computer networks with example. **6**

OR iii. Explain the various topologies of networks with example. **6**

Q.5 i. Explain system development with two examples. **4**

ii. Discuss the phases of SDLC with example. **6**

OR iii. Write any six differences between data warehousing and data **6**
mining.

Q.6 Attempt any two:

i. Define enterprise resource planning with its importance. **5**

ii. What are the ethical issues in MIS? **5**

iii. Elaborate any five applications of MIS. **5**

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Marking Scheme

Management Information System (T) - CM3EC11 (T)

Q.1   i)   The back bone of any organization is?   **1**
(a) Information

ii)   A collection of related data.   **1**
(c) Database

iii)   Database is generally _____   **1**
(b) User-centered

iv)   Simon (1960) is associated with what type of decision making model?   **1**
(d) Administrative

v)   Computer Network is?   **1**
(d) All of the Above

vi)   A term that refers to the way in which the nodes of a network are linked together.   **1**
(b) Topology

vii)   DBMS manages the interaction between _____ and database.   **1**
(c) End Users

viii)   Which of the following features usually applies to data in a data warehouse?   **1**
(c) Data are rarely deleted

ix)   The_____ is defined as a set of activities performed across the organization creating as output of value to the customer.   **1**
(b) Business process

x)   In MIS system design, the sources of information may be categorized as … and ..   **1**
(a) **Internal, External**

Q.2   i.   What is Data, Database, Database Management and Database Management Information System (1 mark each) 1*4= 4 marks   **4**

ii.   Contemporary approaches to MIS (Any 3) 3*2 marks= 6 marks   **6**

OR   iii.   What are the different types of information systems (Any 3) 3*2 marks= 6 marks   **6**

Q.3   i.   Decision making=   1 mark   **4**
Types of decisions with examples=   3 marks

ii.   Explain various models of Decision making (Any 3)=   **6**
3*2 marks=   6 marks

OR   iii.   What is information =   2 marks   **6**
attributes of Information=   4 marks

Q.4   i.   Define Information technology and Telecommunication.   **4**

ii.   What are the various types computer networks with examples.   **6**

OR   iii.   Discuss the various topologies of networks with examples.   **6**

Q.5   i.   Define Database management system and System development with examples.   (2+2= 4 marks)   **4**

ii.   Discuss the phases of SDLC with example.   (Any 6 points)   **6**

OR   iii.   Differentiate between Data Warehousing and Data Mining.   **6**
(Any 6 points)

Q.6   Attempt any two:

i.   Define Enterprise Resource Planning with its importance.   **5**
(2+3 marks)

ii.   What are the ethical issues in MIS.   (Any 5 points)   **5**

iii.   Elaborate the various applications of MIS.   (Any 5 points)   **5**

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