(FOR THE CANDIDATES ADMITTED

DURING THE ACADEMIC YEAR 2023 ONLY)

23PCC207

REG.NO. :

N.G.M.COLLEGE (AUTONOMOUS) : POLLACHI
END-OF-SEMESTER EXAMINATIONS : MAY-2024
COURSE NAME: M.Com.-C.A   **MAXIMUM MARKS: 75**
SEMESTER: II   **TIME : 3 HOURS**

MANAGEMENT INFORMATION SYSTEM

SECTION – A   **(10 X 1 = 10 MARKS)**
ANSWER THE FOLLOWING QUESTIONS.
MULTIPLE CHOICE QUESTIONS.   **K1**

1. Which of the following is not a component of MIS?
   a) Software   b) Hardware   c) People   d) Finance

2. What does ERP stand for?
   a) Enterprise Resource Planning   b) Electronic Resource Processing
   c) Efficient Resource Provisioning   d) Effective Resource Placement

3. Decision support systems (DSS) are used for:
   a) Transaction processing   b) Data analysis and decision-making
   c) Document storage   d) Email communication

4. Which of the following is an example of a strategic information system?
   a) Inventory management system   b) Customer relationship management system
   c) Executive information system   d) Payroll system

5. Which of the following is not a characteristic of a well-designed database?
   a) Redundancy   b) Integrity   c) Security   d) Normalization

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES.   **K2**

6. Define MIS.
7. What do you mean by Inventory Control System?
8. Expand IRM and DSS.
9. Differentiate between computer hardware and software.
10. What is Cloud Computing?

SECTION – B   **(5 X 5 = 25 MARKS)**

ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS.   **K3**

11. a) Define Management Information System (MIS) and discuss its characteristics.
                              (OR)
    b) Explain the role and importance of MIS in modern organizations

12. a) How does MIS support planning, organizing, and controlling in organizations?
                              (OR)
    b) Discuss the components and functions of accounting information systems and
        inventory control systems.

13.a) What are the types of information systems, and how do they contribute to strategic decision-making in organizations?

(OR)

b) Explain the concept of Artificial Intelligence (AI) in information systems.

14.a) Describe the basic components of electronic computers and their functions.

(OR)

b) How does data representation in computers influence the design of software applications?

15.a) Discuss the emerging trends in MIS, including data mining, cloud computing, and big data analytics.

(OR)

b) Describe the types of telecommunication networks and their characteristics.

SECTION – C   (5 X 8 = 40 MARKS)
ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS.

16. a) How do the characteristics contribute to the effectiveness of MIS in organizational decision-making?

(OR)

b) Discuss two approaches to MIS development and analyze their advantages and limitations.

17. a) Provide examples of functional information systems for research, marketing, finance, and production, and explain their significance.

(OR)

b) What are the key challenges organizations face in implementing and managing these accounting information systems and inventory control systems effectively?

18. a) Compare and contrast decision support systems (DSS) and expert systems, highlighting their applications.

(OR)

b) How does AI enhance the capabilities of executive information systems (EIS) in supporting top-level management?

19.a) Discuss the classification of computers based on size, purpose, and architecture.

(OR)

b) Explain the operations of central processing units (CPU) and the role of input and output devices in computer systems.

20.a) How do trends in telecommunication influence the design and implementation of modern MIS solutions?

(OR)

b) How do data mining, cloud computing, and big data analytics technologies enhance the capabilities of traditional MIS?

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ETHICAL PAPER