

**(FOR THE CANDIDATES ADMITTED
DURING THE ACADEMIC YEAR 2025 ONLY)**

25PCC207

REG.NO. :

**N.G.M.COLLEGE (AUTONOMOUS) : POLLACHI
END-OF-SEMESTER EXAMINATIONS : MAY-2026
M.Com.-C.A
SEMESTER: II
MAXIMUM MARKS: 75
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 a key characteristic of Management Information Systems (MIS)?
 - a) Support unstructured decisions at top levels
 - b) Designed to report on existing operations with little analytical capability
 - c) Focuses primarily on external data sources
 - d) Highly flexible for ad-hoc queries
2. In production planning and control, which stage involves monitoring progress and making corrections to ensure efficiency?
 - a) Routing
 - b) Scheduling
 - c) Dispatching
 - d) Follow-up
3. What primarily distinguishes Strategic Information Systems from Decision Support Systems (DSS)?
 - a) DSS supports structured decisions; SIS supports unstructured ones
 - b) SIS focuses on long-term organizational goals; DSS aids semi-structured decisions
 - c) Both have identical analytical capabilities
 - d) SIS is internal-focused; DSS is external-focused
4. Computers primarily use which number system to perform calculations and store data?
 - a) Decimal
 - b) Hexadecimal
 - c) Octal
 - d) Binary
5. In which network topology are all nodes directly connected to a central device, making it easy to troubleshoot?
 - a) Ring
 - b) Mesh
 - c) Star
 - d) Bus

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES.

K2

6. Define the structural requirements for building an effective MIS model.
7. Evaluate how MIS aids planning functions in organizations.
8. Justify MIS characteristics that enhance decision support.
9. What is open-source software?
10. Interpret network topologies commonly linked to MIS types.

SECTION -B (5 X 5 = 25 MARKS)

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

11. (a) Interpret the requisites of an effective MIS.

OR

- (b) Describe the structure of MIS subsystems.

12. (a) Examine MIS support for planning and controlling functions.

OR

- (b) Examine key functional information systems for marketing and the production.

(CONTD.....2)

13. (a) Describe managing information systems from information resources management.

OR

(b) Sketch the types of strategic information systems.

14. (a) Describe the types of software used in computers.

OR

(b) Demonstrate the role of input and output devices.

15. (a) Describe the emerging trends like data mining and Big Data analytics.

OR

(b) Show the types of network topology.

SECTION-C

(5 X 8 = 40 MARKS)

ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS. K4 & K5

16. (a) Compare approaches to MIS development.

OR

(b) Justify the limitations of MIS with examples.

17. (a) Analyze functional information systems for finance, accounting, and inventory control.

OR

(b) Demonstrate how MIS supports organizing, research, and market development.

18. (a) Examine executive information systems and artificial intelligence in decision-making.

OR

(b) Propose a framework for strategic information systems offering automation and decision support.

19. (a) Examine CPU operations and client-server architecture.

OR

(b) Assess the classification of computers and types of software.

20. (a) Infer network trends in telecommunication and types of telecommunication networks.

OR

(b) Formulate the impact of cloud computing, mobile computing, and telecommunication media on MIS.

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