

*Total number of printed pages-4*

**63/2 (SEM-4) MCA 4.1**

**2024**

**COMPUTER SCIENCE AND  
TECHNOLOGY**

Paper : MCA 4.1

**(Management Information Systems)**

*Full Marks : 75*

*Pass Marks : 30*

Time : Three hours

***The figures in the margin indicate  
full marks for the questions.***

1. Choose the correct answer :  $1 \times 5 = 5$
- (i) Information systems that monitor the elementary activities and transactions of the organizations are
- (A) Management level system
  - (B) Knowledge level system
  - (C) Operational level system
  - (D) Strategic level system

*Contd.*

(ii) \_\_\_\_\_ is the information about data.

- (A) Data
- (B) Metadata
- (C) Entity
- (D) Relations

(iii) The art of getting things done through people, with the people is called

- (A) Management
- (B) Management Information System
- (C) System
- (D) Information

(iv) \_\_\_\_\_ planning systems deals with the projections of the future.

- (A) Strategic
- (B) Operational
- (C) Processing
- (D) Statistical

(v) Accounting, Finance, Marketing and Human Resources are known as

- (A) Executive Information Systems

(B) Geographic Information Systems

(C) Local Information Systems

(D) Functional Business Areas

2. Answer the following questions :  $2 \times 5 = 10$

- (i) What do you mean by decision making?
- (ii) What is MIS Office automation?
- (iii) What is extranet?
- (iv) Give the functions of ERP systems.
- (v) What is Intellectual Property?

3. Answer **any six** from the following questions :  $5 \times 6 = 30$

- (i) What do you mean by information? What are the attributes of Information?  
 $1 + 4 = 5$
- (ii) What are the components and resources of Information System?
- (iii) Explain MIS with its Organizational Structure in detail.
- (iv) Define Telecommunication Modem and its working.

- (v) What are the Components of decision support system (DSS) ?
- (vi) Define Transaction Processing System and its features.
- (vii) Define the basic functions of Supply Chain Management.
- (viii) Write about various networking topologies with diagrams.

4. Answer **any three** from the following questions : 10×3=30

- (i) Describe the role of Expert Systems in industry.
  - (ii) Explain how Changing Environment affects on Business ?
  - (iii) Describe Strategic, Operational and Tactical level management along with their characteristics.
  - (iv) Explain the functions of Management Information System.
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