

CBCS SCHEME

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18MT824

Eighth Semester B.E. Degree Examination, June/July 2023 Management Information System

Time: 3 hrs.

Max. Marks: 100

Note: Answer any FIVE full questions, choosing ONE full question from each module.

Module-1

- 1 a. Define data, information, management and information systems. (04 Marks)
b. Briefly explain the evolution of MTS. (06 Marks)
c. Explain the types of MIS based on functions. (10 Marks)

OR

- 2 a. Differentiate between DSS and MIS. (10 Marks)
b. Explain the following information systems : i) EIS ii) KMS iii) GIS. (10 Marks)

Module-2

- 3 a. Explain the following tools for system analysis and design :
i) System flow chart ii) Decision table. (10 Marks)
b. Explain data flow diagram tool for system design. (10 Marks)

OR

- 4 a. Explain the symbols used in ER diagram. (10 Marks)
b. What is OOAD? Sketch UML diagram. (10 Marks)

Module-3

- 5 a. What a DBMS? Explain its advantages and disadvantages. (10 Marks)
b. Explain the following DBMS : i) HDBMS ii) NDBMS iii) OODBMS. (10 Marks)

OR

- 6 a. What is SQL? Briefly explain Query processing in SQL. (10 Marks)
b. Explain Data Warehousing and Data Mart in DBMS. (10 Marks)

Module-4

- 7 a. Explain testing and error detection of data in DBMS. (10 Marks)
b. Explain the following in terms of DBMS security :
i) Disaster management ii) Computer crime. (10 Marks)

OR

- 8 a. Explain the role of intranets and wireless networks. (10 Marks)
b. Explain software audit and ethics to be followed in MIS. (10 Marks)

Module-5

- 9 a. Explain the role of information management in ERP. (10 Marks)
b. Explain the following new IT initiatives
i) e – business ii) e – governance. (10 Marks)

OR

- 10 a. Explain Data Mining role IT initiatives of MIS. (10 Marks)
b. Explain pervasive computing and cloud computing in MIS. (10 Marks)

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Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.
2. Any revealing of identification, appeal to evaluator and /or equations written eg, 42+8 = 50, will be treated as malpractice.