



2025

COMMERCE

Course No. : COM302C

(Management Information System)*Full Marks : 60**Time : 3 hours**The questions are of equal value**The figures in the margin indicate full marks for the questions**Answer all questions*

1. a) Define Management Information System (MIS). Explain its characteristics and importance in organizations.

2+4+6

Or

- b) Discuss the components of MIS (hardware, software, people, procedures, and data) with examples.

12

2. a) How can Information Systems be used to gain a competitive advantage? Discuss with reference to Porter's Five Forces Model and the Value Chain.

2+5+5

Or

- b) Explain the concept of Business Process Reengineering (BPR) and the role of MIS in BPR.

6+6

(Turn Over)

3. a) Describe the Systems Development Life Cycle (SDLC) with its major phases. Highlight the role of end-users in system development. 10+2

Or

- b) What is a Database Management System (DBMS)? Discuss its role in MIS and explain data warehousing, data mining, and business analytics. 2+3+7

4. a) Identify the major information security threats faced by organizations. Suggest measures to overcome them. 6+6

Or

- b) Examine the ethical and social issues in MIS, such as privacy, intellectual property, data security, and the impact of IT on society. 6+6

5. a) Discuss the applications of Cloud Computing, IoT, Artificial Intelligence, and Blockchain Technology in business. 12

Or

- b) Explain the role and impact of Mobile Computing, Wearable Technology, Predictive Analytics and Business Intelligence on modern organizations. 12

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