



**SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY: PUTTUR
(AUTONOMOUS)**

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QUESTION BANK (DESCRIPTIVE)

Subject with Code: Management Information System (25MB9006)

Course & Branch: MBA

Year & Sem: I-MBA & I-Sem

Regulation: R25

**UNIT –I
MIS AN OVERVIEW**

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|----|----|--|-----------|-------|
| 1 | | Explain the need for MIS in modern organizations. | [L1][CO1] | [12M] |
| 2 | | Describe the characteristics of a good MIS with examples. | [L2][CO1] | [12M] |
| 3 | | Discuss the scope of MIS and IT in business. | [L3][CO1] | [12M] |
| 4 | | Illustrate the structure of MIS with a neat diagram. | [L4][CO1] | [12M] |
| 5 | | Evaluate the role of MIS in global business operations. | [L5][CO1] | [12M] |
| 6 | | Critically analyze the challenges in managing MIS. | [L6][CO1] | [12M] |
| 7 | a) | Explain the major challenges in managing MIS effectively in a company. | [L3][CO1] | [6M] |
| | b) | State the importance of MIS in decision making. | [L2][CO1] | [6M] |
| 8 | a) | Explain the relationship between MIS and IT. | [L2][CO1] | [6M] |
| | b) | Describe the applications of MIS in business. | [L3][CO1] | [6M] |
| 9 | | Explain how MIS supports managers at different levels. | [L4][CO1] | [12M] |
| 10 | | Discuss the role of MIS in competitive advantage. | [L5][CO1] | [12M] |

UNIT - II
DATA RESOURCE MANAGEMENT

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|----|----|--|-----------|-------|
| 1 | | Explain the concept of data resource management. | [L1][CO2] | [12M] |
| 2 | | Differentiate between traditional and modern approaches to data management. | [L2][CO2] | [12M] |
| 3 | | Discuss the role of DBMS in managing organizational data. | [L3][CO2] | [12M] |
| 4 | | Illustrate different types of data models with examples. | [L4][CO2] | [12M] |
| 5 | | Evaluate the importance of data warehousing in decision making. | [L5][CO2] | [12M] |
| 6 | | Analyze the applications of data mining in business intelligence. | [L6][CO2] | [12M] |
| 7 | a) | Define database concepts. Briefly explain the importance of databases in business organizations. | [L1][CO2] | [6M] |
| | b) | Explain the advantages of Database Management Systems (DBMS). | [L2][CO2] | [6M] |
| 8 | a) | Compare hierarchical and relational models. | [L3][CO2] | [6M] |
| | b) | Discuss the benefits of Data Mining in business decision-making. | [L4][CO2] | [6M] |
| 9 | | Explain the concept of Big Data and its role in modern MIS. | [L5][CO2] | [12M] |
| 10 | | Critically evaluate data quality issues in organizations. | [L6][CO2] | [12M] |

UNIT-III
BUSINESS APPLICATION OF IS

| | | | | |
|-----------|-----------|--|-----------|-------|
| 1 | | Explain the role of ERP in integrating business processes. | [L1][CO3] | [12M] |
| 2 | | Describe CRM and its significance in customer retention. | [L2][CO3] | [12M] |
| 3 | | Discuss SCM as a competitive advantage in business. | [L3][CO3] | [12M] |
| 4 | | Illustrate different decision support techniques. | [L4][CO3] | [12M] |
| 5 | | Evaluate the contribution of MIS to decision making. | [L5][CO3] | [12M] |
| 6 | | Critically analyze the importance of business intelligence in modern enterprises. | [L6][CO3] | [12M] |
| 7 | a) | Define Enterprise Systems. Briefly explain their role in integrating organizational functions with an example. | [L1][CO3] | [6M] |
| | b) | Discuss the applications of Enterprise Systems in business organizations. | [L2][CO3] | [6M] |
| 8 | a) | Differentiate between Decision Support System (DSS) and Management Information System (MIS). | [L3][CO3] | [6M] |
| | b) | Explain the role of Knowledge Management Systems (KMS) in organizations. | [L4][CO3] | [6M] |
| 9 | | Explain how MIS supports strategic, tactical, and operational decisions. | [L5][CO3] | [12M] |
| 10 | | Critically evaluate the impact of digital transformation on MIS applications. | [L6][CO3] | [12M] |

UNIT-IV
MANAGEMENT OF IS

| | | | | |
|-----------|-----------|---|-----------|-------|
| 1 | | Explain different system development models. | [L1][CO4] | [12M] |
| 2 | | Describe the importance of project planning in MIS development. | [L2][CO4] | [12M] |
| 3 | | Discuss various project management techniques in IS. | [L3][CO4] | [12M] |
| 4 | | Illustrate the steps in system analysis and design. | [L4][CO4] | [12M] |
| 5 | | Evaluate cost/benefit-based evaluation of MIS projects. | [L5][CO4] | [12M] |
| 6 | | Critically analyze product-based and process-based evaluation approaches. | [L6][CO4] | [12M] |
| 7 | a) | Define Project Management. Briefly explain its objectives and importance in managing Information Systems (IS) projects. | [L1][CO4] | [6M] |
| | b) | Explain the role of Project Management in Management Information Systems (MIS). | [L2][CO4] | [6M] |
| 8 | a) | Discuss implementation process of Management Information Systems (MIS). | [L3][CO4] | [6M] |
| | b) | Explain the types of System Maintenance in Management Information Systems (MIS). | [L4][CO4] | [6M] |
| 9 | | Discuss the challenges faced during MIS implementation. | [L5][CO4] | [12M] |
| 10 | | Explain the role of change management in successful MIS adoption. | [L6][CO4] | [12M] |

UNIT-V
SECURITY, ETHICAL SOCIAL ISSUES

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|----|----|--|-----------|-------|
| 1 | | List the major IS security threats. | [L1][CO5] | [12M] |
| 2 | | Describe methods of protecting information systems. | [L2][CO5] | [12M] |
| 3 | | Discuss the role of IS security technologies. | [L3][CO5] | [12M] |
| 4 | | Illustrate the process of developing a disaster recovery plan. | [L4][CO5] | [12M] |
| 5 | | Evaluate ethical issues in IS usage. | [L5][CO5] | [12M] |
| 6 | | Critically analyze the social issues of IT and MIS. | [L6][CO5] | [12M] |
| 7 | a) | Define Information System (IS) Security. Briefly explain its importance in protecting organizational data. | [L1][CO5] | [6M] |
| | b) | Explain the importance of Information System (IS) Security in business organizations. | [L2][CO5] | [6M] |
| 8 | a) | Differentiate between ethical and social issues in IS. | [L3][CO5] | [6M] |
| | b) | Discuss preventive measures for security threats. | [L4][CO5] | [6M] |
| 9 | | Explain cyber laws and their significance in protecting IS. | [L5][CO5] | [12M] |
| 10 | | Critically evaluate the impact of social media on IS security. | [L6][CO5] | [12M] |

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