

Assignment Question(MIS)

Unit-I(Information system and concept)

- Q1. Differentiate between data and information?
- Q2. Define information system? Explain types of information?
- Q3. Explain the components/dimension of information.
- Q4. Define quality? How to measure the cost and value of information?
- Q5. Define organization dimension of information.
- Q6. What are the components of information system? Explain.
- Q7. Explain the types of information system.'

Unit-II(MIS)

1. MIS plays a pivotal role in modern business operations." Justify this statement by discussing its roles in data processing, decision support, and strategic planning. Provide real-world examples.
2. Explain the importance of MIS for managers at different organizational levels (strategic, tactical, operational). How does MIS enhance their productivity and decision-making capabilities?
3. Compare traditional information systems with modern MIS. How have advancements in technology expanded the capabilities and applications of MIS?
4. Define MIS? What are the characteristics and objectives of MIS.
5. How MIS plays an important role to the manager. Explain.
6. What are the components of MIS? Explain
7. What are the advantages and disadvantages of MIS.

Unit-III(Strategic and Competitive Opportunities)

- Q1. Define competitive advantage. Explain the strategy for increasing Organizational Horse Power(OHP).
- Q2. What is OHP? How to select and adopt OHP strategy in organization.

Q3. What is Total Quality Management(TQM).Explain the importance of Business Process Reengineering.

Unit-IV(Data warehouse and Data Mining)

Q1. Differentiate between data and information.

Q2. Define Database Management system. Explain Knowledge discovery in database process(KDD).

Q3. Differentiate between data warehouse and data mining.

Q4. Differentiate between OLTP and OLAP?

Q5. Short notes:

- a. Drill-down and Roll-up analysis
- b. ROLAP and MOLAP
- c. Star and Snowflake Schemas

Q6. Define data mining? What are the classification of data mining algorithm.

Q7. What are the data mining technique? Explain.

Unit-V(Decision Support System)

1. Compare and contrast the different types of Decision Support Systems (DSS), including GDSS, Geographical Information Systems (GIS), and AI-based DSS. How do they address specific business needs?
2. "Artificial Intelligence plays a transformative role in Decision Support Systems." Justify this statement by discussing the applications of Expert Systems, Neural Networks, and Genetic Algorithms in DSS.
3. Explain the phases of the GDSS process. How does technology facilitate each phase to ensure effective group decision-making? Provide real-world examples.
4. Discuss the concept of "Combining IT Brainpower Systems" in the context of DSS. How do integrated systems like AI, GIS, and GDSS work together to enhance organizational decision-making?

Q5. Short notes:

Genetic Algorithm.

Unit-VI(Managing IT System)

- Q1. What is Knowledge Management? Explain the knowledge Management Process.
- Q2. Explain the benefits of KM Tools into E-business Information Management.

Unit-VII(Knowledge Management)

1. Define Knowledge Management (KM) and explain its significance in modern organizations. Discuss the key components of a successful KM system.
2. Who are "Knowledge Workers," and why are they critical in today's business environment? Explain the challenges in managing knowledge workers effectively.
3. How does Knowledge Management enhance E-business operations? Provide examples of tools or strategies used to manage knowledge in digital businesses.

Unit-VIII(Ethical and Social Issues)

- Q1. Define ethics? What are the major ethical, social and political issues raised by information system?
- Q2. Explain the five moral dimension of information age?

Unit-IX(Implementation of Information System)

1. Explain the concept of Change Management in the implementation of an Information System. Discuss its importance and key steps involved in ensuring successful change.
2. What are Critical Success Factors (CSFs) in Information System implementation? Describe any four CSFs with examples.
3. Discuss the role of the Balanced Scorecard in strategic performance management. Explain any three of its advanced components in detail.
4. How does Business Analytics contribute to the success of an Information System? Explain its key functions and provide real-world applications.
5. Explain the process of "Advanced Scorecard Alignment and Cascading" in the Balanced Scorecard framework. How does it help in achieving organizational goals?

Unit-X(Future Trends in MIS)

1. Discuss the role of "Trend and Information" in shaping the future of Management Information Systems (MIS). How do organizations leverage emerging trends to gain a competitive advantage? Provide examples.
2. Explain the concept of "Intellectual Computing" in MIS. How do technologies like Speech Recognition and AI-driven decision-making enhance business processes?
3. Analyze the impact of "Technology and Mobility" on modern MIS. How has the rise of mobile computing transformed data accessibility and business operations?
4. What are the major "Technology Challenges" faced in the implementation of advanced MIS? Discuss security, scalability, and integration issues with possible solutions.

Short notes:

- a) Technology and mobility
- b) Technology Challenges