

Dr. Babasaheb Ambedkar Open University
Term End Examination July – 2026

Subject Name: Business Application and Introduction to ERP
Subject Code: BCAR-501

Time: 11:30am to 1:45pm
Total Marks: 70

Answer the following (Attempt any three)

1. Define Management Information System (MIS). Explain the characteristics and role of MIS in an organization.
2. What is Decision Making? Describe the process and steps involved in decision-making.
3. Define Marketing Information System. Explain its main components in detail.
4. What is a Human Resource Information System (HRIS)? Discuss its functions and advantages.
5. Explain the different types of Information Systems (TPS, MIS, DSS, ES) with suitable examples.

Answer the following (Attempt any four)

1. Write a short note on Top-down and Bottom-up approaches to MIS development.
2. Define Functions of a Manager.
3. Differentiate Advantages and Disadvantages of Accounting Information System (AIS).
4. Differentiate Open Loop vs. Closed Loop Control Systems.
5. What is Quality Information System (QIS)? Describe its elements.
6. What is Financial Information System? State its principles.

Part – A (Multiple Choice Questions)

1. Which of the following is NOT a pillar of MIS?
A. Management
B. Information
C. System
D. Marketing
2. TPS stands for:
A. Transaction Processing System
B. Transfer Processing System
C. Total Processing System
D. Terminal Processing System
3. Which system is used by top-level managers to make semi-structured decisions?
A. TPS
B. DSS
C. POS
D. Manual System
4. The step in decision-making that involves weighing the consequences of possible courses of action is called:
A. Perception
B. Conception
C. Deliberation
D. Selection
5. Which type of decision is taken in large numbers during the normal course of organizational life?
A. Strategic
B. Routine
C. Casual
D. Unprogrammed
6. What does HRIS stand for?
A. Human Record Information System
B. Human Resource Information System
C. Human Relational Information System
D. Human Resource Integration System
7. The information system that records day-to-day business transactions is:
A. EIS
B. Expert System
C. TPS
D. DSS
8. Which model of decision-making is based on the principle of 'bounded rationality' introduced by Herbert Simon?
A. Economic Man Model
B. Rational Model
C. Administrative Man Model
D. Normative Model
9. An open loop control system is also known as:

- | | |
|--------------------------------|----------------------------|
| A. Non-feedback control system | B. Feedback control system |
| C. Automated system | D. Closed loop system |
10. Which is NOT a component of a Marketing Information System?
- | | |
|-------------------------|---------------------------|
| A. Internal Records | B. Marketing Intelligence |
| C. Financial Accounting | D. Marketing Research |

Part - B (Do as Directed)

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1. Write the full form of TPS.
2. The top-down approach of MIS development starts with the leaf-level or bottom-most management. True or False
3. A _____ information system does not use any computerized devices.
4. Write the full form of DSS.
5. Decision support systems generally involve non-programmed decisions. True or False
6. A _____ is a course of action which is consciously chosen from among a set of alternatives to achieve a desired result.
7. Write the full form of ERP.
8. An open loop control system automatically corrects the variation in its output. True or False
9. The _____ man model of human behaviour is a practical model based on the principle of bounded rationality.
10. Write the full form of HRIS.