

- N.B.:(1)All questions are compulsory.
 (2) Makes suitable assumptions wherever necessary and state the assumptions made.
 (3) Answers to the same question must be written together.
 (4) Number to the right indicate marks.
 (5) Draw neat labeled diagrams wherever necessary.
 (6) Use of Non-programmable calculator is allowed.
 (7) Question (Q1) is compulsory.
 (8) Question (Q8) is compulsory.
 (9) Question (Q2 to Q7) attempts any four.

Q1. (A) Choose the correct one alternative from the given option below.

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1. DSS stands for _____.
 a. Decision Support System b. Decisive Support System c. Developed Support System
 d. Derive Support System
2. An MIS information comes from the _____.
 a. Internal source b. External source c. Both internal and external source d. Only a.
3. A back-bone of any organization is its _____.
 a. Information system b. Sources system c. Management system d. Technology system.
4. Which is a characteristic as queries are Information?
 a. Transaction Processing System (TPS) b. Management Information System (MIS)
 c. Decision Support System (DSS) d. Executive Support System (ESS).
5. An important characteristic of effective and useful information is are.
 a. Accuracy b. Timeliness c. Completeness d. Availability.
6. Management information system is _____ human-machine based system.
 a. an interpreted b. an interstellar c. an integrated d. an interdependent.
7. _____ is capable of taking decisions on its own.
 a. IoT b. AI c. MIS d. VR
8. Which of the following is not a characteristics of MIS.
 a. Management directed b. Management oriented c. common data flow d. Management non- interference
9. Which type of MIS is used when a purchase order is released automatically when an inventory level reaches or goes below?
 a. Data Bank MIS b. Decision making MIS c. Decision taking MIS d. Predictive MIS
10. Which one of the following is not a prerequisite for a good MIS?
 a. Database b. Support staff system c. Control and maintenance of MIS d. MIS executives

Q1. (B) State TRUE or FALSE.

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1. Problem solving includes and goes beyond decision making.
2. Optimization models never use problem constraints.

3. Satisfying models normally look at all possible solutions to a problem.
4. One important role of MIS is to provide the right information to the right person in the right format at the right time.
5. Internal sources of data can include customers, suppliers, competitors, and stockholders, whose data is not already captured by the TPS, as well as other sources, such as the Internet.
6. External system users can include employees of the organization.
7. System designers are technology specialists for information systems.
8. A system builder is a technical specialist who constructs information systems and components based on the design specifications generated by the system designers.
9. Information technology can help all kinds of businesses improve the efficiency and effectiveness of their business processes and managerial decision making.
10. One system can be made up of other systems or can be a part of a bigger system.

Q2. Attempt any two of the following:

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- a. Explain Information System with suitable diagram.
- b. Explain Decision Making System with its advantages and disadvantages.
- c. Explain knowledge based system with suitable diagram.

Q3. Attempt any two of the following:

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- a. Define Decision Making and its types any two.
- b. Explain the steps of Decision Making Process with suitable diagram.
- c. Explain Components of MIS with suitable diagram.

Q4. Attempt any two of the following:

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- a. Explain the use of Strategic Information System.
- b. What Factors for breaking business Alliance?
- c. What are the advantages of implementing BPR in your business?

Q5. Attempt any two of the following:

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- a. What are the benefits and challenges in BPR?
- b. What are the seven knowledge levers?
- c. What are the five most common challenges in executing a strategic plan?

Q6. Attempt any two of the following:

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- a. Differentiate between MIS and IT management.
- b. Explain Information Resources Management.
- c. What Is A Strategic Planning Model?

Q7. Attempt any two of the following:

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- a. Explain five Steps to Identify and Develop Your CSFs.
- b. What are the characteristics of Generative Computer Aided Process Planning?
- c. Explain MIS development and design process.

Q8. Attempt any three of the following:

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- a. Write a short note on Confidentiality, Integrity and Availability.
- b. Write a short note on threats and risks.
- c. Explain Information System Analysis and Design.
- d. Write short note on Computer Crime with suitable diagram.
