December 2023
BCA (DS) 5th SEMESTER
Management Information System (GEC-DS-9)

Time : 3 Hours]　　　　　　　　　　[Max. Marks : 75

Instructions :

1. *It is compulsory to answer all the questions (1.5 marks each) of Part-A in short.*
2. *Answer any four questions from Part-B in detail.*
3. *Different sub-parts of a question are to be attempted adjacent to each other.*

PART–A

1. (a) Differentiate between Data and Information. (1.5)
   (b) What do you mean by information overload? (1.5)
   (c) What is EDP? (1.5)
   (d) What are the limitations of MIS? (1.5)
   (e) What is the need to develop the prototype of a system? (1.5)
   (f) What is an expert system? What is its need in an organization? (1.5)
   (g) What is the role of database in information systems? (1.5)
   (h) What is the use of a Decision tree? (1.5)

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(i) What are the limitations of file processing system? (1.5)

(j) What is the difference between ERP and CRM? (1.5)

PART-B

2. (a) Define System. What are the characteristics of system? Explain why feedback and control are considered as Key system concepts. (10)

    (b) What are the challenges Management Information Systems faces at each level? (5)

3. (a) Explain Decision Support System (DSS) with its process and features. (10)

    (b) Why is MIS looked upon as a strategic need of management today? (5)

4. (a) Discuss in detail various phases involved in the development of a system. (10)

    (b) Describe Herbert Simon's model of Decision-making (5)

5. (a) "Maintenance is perhaps the biggest challenge in the effectiveness of MIS in any organisation." Explain with suitable examples. (10)

    (b) What are the various steps involved in Planning of a MIS? (5)

6. (a) Discuss in detail the process of controlling evaluating of MIS.

    (b) Explain in detail the conceptual design of MIS.

7. Write short note on the following :
    (a) Pitfalls in MIS development.
    (b) Formal and Informal Information systems.
    (c) Strategies for determining MIS design.

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