# 2024

## FUNDAMENTALS OF INFORMATION SYSTEMS (e-B1) — MDC

### Paper : MN-3

### Full Marks : 75

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers in their own words
as far as practicable.*

### Group - A

1. Answer *any five* questions :                2×5

   (a) State any two major functions of MIS to an organization.

   (b) What are the key components of a business information system?

   (c) Define the concept of an Enterprise System.

   (d) What are the common types of reports generated by an ERP system?

   (e) Explain any two key features of a CRM software.

   (f) How does e-HRMS differ from traditional HRMS?

   (g) State one advantage and one disadvantage of decision tables.

   (h) What is Wi-Fi? Mention one real-world application of wireless communication.

### Group - B

2. Answer *any five* questions :

   (a) In what way can information systems enhance the operational efficiency in a business?     5

   (b) How does an Accounting Information System (AIS) help to streamline financial reporting and compliance?     5

   (c) Explain the functions of various modules of an ERP system.     5

   (d) How does Supply Chain Management (SCM) help in the flow of goods from raw materials to the end consumer?     5

   (e) What are the differentiating points between e-CRM and traditional CRM systems?     5

   (f) Explain the key features to consider when selecting HRMS software for a company.     5

   (g) Find the values of :

   (i) $(101101)_2 - (100101)_2 = ?$

   (ii) $(10101)_2 = (?)_8 = (?)_{10}.$     2½+2½

   (h) Describe the steps to create an email account and send an email. What is the difference between "CC" and "BCC" in an email?     2+3

**Please Turn Over**

## Group - C

Answer *any four* questions.

3. In what scenarios would a DSS be most beneficial to a manufacturing concern? How does an Executive Information System (EIS) help in strategic planning?                                      5+5

4. Briefly discuss the advantages and disadvantages of an ERP system.                          10

5. (a) What is an algorithm and how it helps in problem-solving?

   (b) How do flow charts help to visualise and design algorithm?                              6+4

6. State the role of the Information Systems (IS) function in a business. How does it help the organisations to work better and stay competitive? — Explain briefly with suitable examples.                3+7

7. What is a URL? Explain its structure and the significance of each component (protocol, domain name, path, etc.)                                                                          2+8

8. Write a short note on :

   (a) Wi-Fi Technology

   (b) Coaxial Cables.                                                                          5+5

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