2024

FUNDAMENTALS OF INFORMATION SYSTEMS (e-B1) — MINOR

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) Discuss any two functions of an enterprise system.

    (b) Define the term Supply Chain Management.

    (c) Discuss any two disadvantages of LAN.

    (d) What is an e-governance website? Give one example of its use.

    (e) What is optical fibre?

    (f) What is meant by Group Decision Support System?

    (g) What is the basic concept behind machine learning?

    (h) Name one advantage and one disadvantage of using flow charts.

Group - B

2. Answer *any five* questions :

    (a) How does MIS enhance operational efficiency in an organization?   5

    (b) Explain the phases of ERP implementation with key activities.   5

    (c) What are the functions of key components of a HRMS software?   5

    (d) What are the standard symbols used in flow charts and what do they represent?   5

    (e) Bring out the comparison between knowledge workers and other workers.   5

    (f) Enumerate —

    (i) $(10101)_2 - (10011)_2 = (?)_2$

    (ii) $(726)_{10} = (?)_{16}.$ 3+2

    (g) Describe the working of Bluetooth and Wi-Fi as wireless communication technologies. Highlight one major difference between them and provide an example of their use.   5

    (h) Define Executive Information System (EIS). Briefly discuss its functions.   2+3

Please Turn Over

(1535)

Group - C

Answer *any four* questions.

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

   (b) How is a Decision Table used to develop a solution? 3+7

4. Write short notes on : 5×2

   (a) Wide Area Network

   (b) IPv6 address system.

5. (a) What is a search engine?

   (b) Explain the components of an URL.

   (c) Discuss the function of Domain Name System. 2+4+4

6. What is an IP address? Briefly discuss its types and their significance in networking. 2+8

7. What is meant by e-SCM? Describe the features to consider SCM Software for an organisation. 3+7

8. Explain the role of Information system in Customer Relationship Management (CRM). 10

———————