K-829

MS-106

IT and Management Information System

Master of Business Administration (MBA)

1st Semester Examination, 2023 (Dec.)

Time : 2 Hours]   **Max. Marks : 70**

Note : This paper is of Seventy (70) marks divided into two (02) Sections A and B. Attempt the questions contained in these sections according to the detailed instructions given therein. Candidates should limit their answers to the questions on the given answer sheet. No additional (B) answer sheet will be issued.

SECTION–A

(Long Answer Type Questions)

Note : Section 'A' contains Five (05) long answer type questions of Nineteen (19) marks each. Learners are required to answer any Two (02) questions only.

(2×19=38)

1. Describe the key components and functions of the CPU, memory, control unit, and ALU.

2. Explore the concept of artificial intelligence (AI) and its significance in fifth-generation computing.

3. Provide a historical overview of the development of computing technology in India.

4. Name some at the popular high level languages and briefly explaining each of them.

5. What is a Decision Support System (DSS)? Explain its primary purpose and how it differs from other information systems.

SECTION–B
(Short Answer Type Questions)

Note : Section 'B' contains Eight (08) short answer type questions of Eight (08) marks each. Learners are required to answer any Four (04) questions only. (4×8=32)

1. What are the key steps involved in designing a database in Microsoft Access? Discuss the importance of normalization.

2. What are the practical aspects of IT and MIS in defence sector?

3. What are the different types of computer system? Discuss in detail.

4. How many different types of printers are avilable? Explain with their properties.

5. Differentiate between data and information in the context of MIS. How is raw data transformed into meaningful information for decision-makers?

6. Compare and contrast the characteristics of Local Area Networks (LANs) and Wide Area Networks (WANs). In what scenarios would one be preferred over the other?

7. Differentiate among system software. Application software and utility softway.

8. Define an operating system. What is its primary role in a computer system?

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