A-0877

Total Pages : 4   **Roll No. --------------**

MCS-406/DCA-106

Information System for Business

(MSCIT/DCA)

2nd Semester Examination 2024(Dec.)

Time: 2:00 hrs   Max. Marks: 70

Note : This paper is of Seventy (70) marks divided into Two (02) Section 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.

P.T.O.

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.

[2x19=38]

Q.1.   Describe the evolution of computer hardware. How has it impacted businesses over the decades?

Q.2.   Explain the concept of software licensing models. Discuss the advantages and disadvantages of open-source software in business applications.

Q.3.   Discuss the different types of communication networks used in organizations. Explain their advantages and limitations.

Q.4.   Analyze the role of people in Information Systems. Discuss the impact of training and user involvement on system success.

Q.5.   Elaborate on the legal implications of Information Systems in businesses, with specific examples.

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.

[4x8=32]

Q.1. Explain the characteristics of a successful Information System and its importance for decision-making.

Q.2. Compare structured and unstructured data, and provide examples of their applications in business.

Q.3. Define encryption and discuss its role in securing information systems.

Q.4. Discuss the key principles and benefits of Business Process Reengineering (BPR).

Q.5. What is agile development in the context of system development, and how does it differ from traditional approaches?

Q.6. Explain the digital divide and its implications for businesses in developing countries.

Q.7. List three key trends in Artificial Intelligence (AI) relevant to Information Systems.

Q.8. Explain how businesses can achieve and sustain competitive advantage using Information Technology, providing examples.

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