

**K-1010**

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**MCA-E8**

**MCA IVth Semester  
Examination Dec., 2023  
INFORMATION SYSTEM  
FOR BUSINESS**

**Time : 2 Hours]**

**[Max. Marks : 70**

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*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 there in. 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) 2×19=38**

*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.*

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( 1 )

P.T.O.

1. What is an Operating System ? Explain in detail about the different functions of Operating system.
2. What is Electronic data interchange ? Explain the four elements of electronic data interchange with its advantages.
3. What is business process management ? Explain what role does it play in allowing a company to differentiate itself ?
4. Explain System development life cycle in detail with suitable diagram.
5. What does the term globalization mean ? Define the three eras of globalization ?

### **Section–B**

**(Short Answer Type Questions)**      4×8=32

**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.

1. What is Open-source software ? How does it differ from closed-source software? Give an example of each.

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( 2 )

2. Define each of the three members of the information security triad.
3. Define Data warehouses. What are the benefits of Data warehouses ?
4. What is an ERP system ? How does an ERP system enforce best practices for an organization ?
5. Write about different generations of programming language.
6. What is digital divide ? How does it affect the people around the world ?
7. What is a code of ethics ? Explain advantages and disadvantages of code of ethics.
8. Write short notes on the following :
  - (a) Solid-state drives
  - (b) Web 2.0
  - (c) System analyst
  - (d) Network society

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