

C1040

Total Pages : 3

Roll No.

MCS-E8

Information System for Business

Master of Computer Application (MCA)

4th Semester Examination, 2022 (June)

Time : 2 Hours]

Max. Marks : 80

Note : This paper is of Eighty (80) marks divided into two (02) Sections A and B. Attempt the questions contained in these sections according to the detailed instructions given therein.

SECTION-A

(Long Answer Type Questions)

Note : Section 'A' contains Five (05) long answer type questions of Twenty (20) marks each. Learners are required to answer any Two (02) questions only.

(2×20=40)

1. What is an information system for business? Identify its major components? Explain.

2. What are three differences between second-generation and third-generation languages? What is the relationship between HTML and CSS in website design?
3. What does the term authentication mean? What is multi-factor authentication? What is the purpose of encryption?
4. What is an ERP system? How does an ERP system enforce best practices for an organization? What is one of the criticisms of ERP systems?
5. What is business process re-engineering ? How is it different from incrementally improving a process ?

SECTION–B

(Short Answer Type Questions)

Note : Section 'B' contains Eight (08) short answer type questions of Ten (10) marks each. Learners are required to answer any Four (04) questions only. (4×10=40)

1. Describe the basic history of information systems.
2. What are three examples of information system hardware?
3. What is the difference between data, information and knowledge?
4. What is the difference between a spreadsheet and a database? List three differences between them.

5. What is EDI? How does EDI work?
 6. What is cloud computing? Explain the advantages and disadvantages of cloud computing.
 7. What is open-source software? How does it differ from closed-source software? Give an example of each.
 8. What are the functions of the operating system?
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