

A-848

Total Pages : 3

Roll No.

MCA-E8/MCS-E8

Information System for Business

(MCA)

4th Semester Examination, 2024 (June)

Time : 2:00 Hrs.

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) 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.

1. What is Cloud computing ? How it is different from traditional computing ? Write the advantages and disadvantages of cloud computing.
2. Define DBMS and RDBMS. Explain the process of normalization within a relational database.
3. Define the term business process. What is business process reengineering ? Explain how it is different from incrementally improving a process.
4. Explain System development life cycle in detail with suitable diagram.
5. The issue of data and information security is a major challenge in the modern time. Discuss five threats to information security and suggest measures that can be taken to counter these threats.

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. State the four different categories of system software and briefly explain the functions performed by each.

2. Explain the impact of Moore's Law on the various hardware components.
3. Define Data warehouses. What are the benefits of Data warehouses ?
4. Explain about decision support system.
5. Explain the difference between procedural and object oriented in detail.
6. What is Globalization ? Explain the advantages of globalization in the digital world.
7. What is Information system ? Explain the ethical and legal implications of Information systems.
8. Write short notes on :
 - (a) Random Access Memory
 - (b) Open Source Software
 - (c) Database administrator
 - (d) Intellectual Property
