

S-786

Total Pages : 4

Roll No. -----

MCS-E8

Information System for Business

Master of Computer Application (MCA)

4th Semester, Examination 2022(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.

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 x 19 = 38]

P.T.O.

- Q.1. What is computer networking? "Networking revolution has completely changed the scenario of computer uses". Justify the statement.
- Q.2. What are data warehouses and data mining? Explain the benefits of data warehouse for an organization in detail.
- Q.3. What is globalization? What are the challenges of globalization? How does Friedman define the three eras of globalization?
- Q.4. What is a code of ethics? Explain advantages and disadvantages of a code of ethics in detail?
- Q.5. Write short notes on :
- a) Web 2.0
 - b) Managing Information security
 - c) Legal and moral constraints on Information systems.
 - d) Responsive Design

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 x 8 = 32]

- Q.1. What do you understand by the term Information system? Explain the various types of information system.
- Q.2. Explain how the data component relates to the hardware and software components of information systems.
- Q.3. What is the impact of Moor's Law on the various hardware components?
- Q.4. What is the difference between a spreadsheet and a database? List three difference between them.

P.T.O.

- Q.5. What is open-source software? How does it differ from closed-source software? Give an example of each.
- Q.6. Explain the term authentication and authorization in the context of security.
- Q.7. Give an example of the digital divide and describe what you would do to address it.
- Q.8. Give an example of a semi-structured decision and explain what inputs would be necessary to provide assistance in making the decision.
