K–992

MCS–406/DCA–106

(MSCIT/DCA) IInd Semester Examination Dec., 2023

INFORMATION SYSTEM FOR BUSINESS

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 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. Explain the term is information system security ? Evaluate four threats to information systems.

2. Describe any *three* importance of involving the user during design and development of a new information system.

3. The issue of data and information security is a major challenge to the modern managers. Discuss five threats to information security and suggest measures that can be taken to counter each treat.

4. Explain information security trait (CIA) is detail. Discuss the tools confidentiality, integrity and availability for information security.

5. Describe five roles of database administrators in an organization.

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. Analyaze five characteristics of good information.

2. Discuss five differences between SSD and Hard Disc.

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3. Examine the functions of four computer hardware devices.

4. Outline five advantages of cloud computing.

5. With the aid a diagram describe the various LAN topologies.

6. Suggest five roles of information a to managers in an organization.

7. What is meta-data ? How meta data is useful for DBMS ?

8. Discuss ethical and legal implications of informations systems.

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