

Reg. No.	:	 •••••	
Name :		 	

I Semester M.Com. Degree (CBSS – Reg./Sup./Imp.) Examination, October 2022 (2019 Admission Onwards) COM1C03 – MANAGEMENT INFORMATION SYSTEM

Time: 3 Hours Max. Marks: 60

SECTION - A

Answer **any four** questions in this Section. **Each** question carries **1** mark for Part (**a**), **3** marks for Part (**b**) and **5** marks for Part (**c**).

- 1. a) Define the concept, 'Management Information System'.
 - b) Examine the need for ERP in business operations.
 - c) Briefly discuss Simon's framework of MIS.
- 2. a) Define a 'System'.
 - b) Identify the different types of systems.
 - c) Give the Mathematical definition of Information with an example.
- 3. a) Comment on the term, 'Entropy'.
 - b) What is 'Information Overload' ? State its causes.
 - c) Evaluate the importance of Artificial Intelligence, Cloud Computing and Virtual Reality as new trends in IT.
- 4. a) Clarify the concept of 'Black Box' in Information Systems.
 - b) Mr. John, a small businessman running hardware experiences problems with his small accounting department. He wants to provide sales reports and hence decides to share information among seven computer stations with a central printing area. What type of computer network would you suggest and why?
 - c) Highlight the merits and demerits of Teleconferencing with examples.

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- 5. a) Suggest any two benefits of using 'Biometrics' in MIS.
 - b) Distinguish between the Internet and Intranet with examples.
 - c) Explain the role of a system analyst in the development of an Information System.
- 6. a) Give the meaning for the term, 'Decoupling'.
 - b) Mention the security risks in 'Wi-Fi' and 'Bluetooth' technology.
 - c) Layout the factors affecting the quality of the Information System. (4×9=36)

SECTION - B

Answer the two questions in this Section. Each question carries 12 Marks.

7. a) What is 'Prototyping' ? Discuss in detail the steps, merits and demerits of Prototyping.

OR

- b) What is 'Network Typology'? Elaborate on its different types and their features diagrammatically.
- 8. a) Examine the multiple approaches to the conceptual structure of MIS.

OR

b) "The better a company's MIS applications, the easier is to make better decisions". Do you agree ? Highlight the characteristics, importance and limitations of MIS. (2×12=24)

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