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.

P.T.O.

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)