

Roll No.

Total Printed Pages - 3

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**B.Com. (Part III) Examination, 2022
(Old/New Course)
COMPUTERAPPLICATION
PAPER SECOND
(System Analysis, Design and MIS)**

Time : Three Hours]

[Maximum Marks:50

Note : Attempt any two parts from each unit. All questions carry equal marks.

Unit - 1

1. (a) Explain various phases of system development life cycle.

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- (b) What do you understand by system? Write the characteristic of system.
- (c) What is system analyst? What are different roles of system analyst?

Unit - 2

2. (a) Explain various information gathering tools.
- (b) What is Data Flow Diagram? Explain with the help of example.
- (c) Define and differentiate initial investigation & feasibility study.

Unit - 3

3. (a) What do you mean by system testing? Explain any two types of testing.
- (b) Write short notes on software maintenance.
- (c) What is meant by input and output design?

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Unit - 4

- 4. (a) What is MIS? Explain various benefits of MIS.
- (b) How MIS works on an organization?
- (c) Explain briefly the structure of MIS.

Unit - 5

- 5. (a) What is Transaction Processing System?
Differentiate TPS and MIS.
- (b) Write the difference between:
 - (i) Open and Closed System
 - (ii) MIS and Strategic System
- (c) Write short notes on adaptive system and business function information system.