Z-174

Roll No.

S-2451

B.C.A. (IInd Semester) Examination, 2021-22

SYSTEM ANALYSIS AND DESIGN

Paper-III (BCA-203)

Time : 2:30 Hours]   **Max. Marks : 70**

Note : Attempt any *five* questions. All questions carry equal marks.

1. (a) What is the System? Explain the various characteristics of System. [7]

   (b) Explain the different formal and informal information system technique. [7]

2. (a) Explain the various phase of System Development Life Cycle with help of diagram. [7]

   (b) Define the term of documentation. Explain the structure of SRS documents. [7]

3. (a) Explain the MIS and DSS. How are they related and differ ? [7]

   (b) What is the system implementation process? Discuss the merits and demerits of each system mplementation method. [7]

4. (a) Differentiate between open and close system. [7]

   (b) Define the term feasibility study. Also explain the different type of feasibility. [7]

5. (a) What is the system Maintenance? Explain the different type of system maintenance. [7]

   (b) What do you mean by strategic and operational planning? [7]

6. (a) What is the role of analyst in system development? [7]

   (b) What is the Unit Testing? How is it different from integration and system testing? [7]

7. Short notes (Any *four*) :

   (a) Data Flow Diagram.

   (b) Data dictionary.

   (c) Requirement form design.

   (d) Decision tree and decision table.

   (e) Input Design.

   (f) Output design. [3½×4=14]