

Roll No. :371593.....

Total No. of Pages : 3

BCA-205

B.C.A. IInd Year Examination, 2022
SYSTEM ANALYSIS AND DESIGN
Paper-V

Time Allowed : 1½ Hours

Maximum Marks : 100

Part-A

[Marks : 30]

Note :- Answer all questions (50 words each). All questions carry equal marks.

Part-B

[Marks : 70]

Note :- Answer any two questions (250 words each). All questions carry equal marks.

Part-A

1. (i) Explain the different types of system.
- (ii) What is black box system ?

- (iii) Define system prototype.
- (iv) List the information gathering methods in the system.
- (v) What is the use of Decision Tree ?
- (vi) Define feasibility study.
- (vii) Explain logical and physical view of data.
- (viii) Define project scheduling.
- (ix) What do you mean by testing the system ?
- (x) Define Quality Assurance.

Part-B

- 2. Explain the basic elements of the system. What are the benefits of factoring a system into subsystem ?
- 3. Explain system concept and the need for system approach.
- 4. Explain with diagram the various phases of the system development life-cycle.

5. Discuss the role of system analyst.
6. Write short notes on the following :
 - (i) Data Dictionary
 - (ii) Decision Tables
7. Explain the difference between Sequential and Indexed File Organisation.
8. Write a note on Audit Trail.
9. Discuss the steps needed for selection of hardware and software in a system.