

Roll No. ....

**57552**

**BBA 6th Semester (New Scheme)  
Examination – December, 2022  
SYSTEM ANALYSIS AND DESIGN**

Paper : BBAN-602

*Time : Three Hours ]*

*[ Maximum Marks : 80*

*Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.*

**Note :** Attempt *five* questions in all, selecting *one* question from each Unit. Question No. **1** is *compulsory*. All questions carry equal marks.

1. Write short note on the following : 16

- (i) System
- (ii) DFD
- (iii) Decision Table
- (iv) Real Time System

57552-15(P-3)(Q-9)(22)

P. T. O.

**UNIT – I**

2. Define System. Explain its components and characteristics. 16
3. Explain the following : 16
- (i) ER Data Models
  - (ii) Role of System Analyst

**UNIT – II**

4. Describe the following : 16
- (i) Structure Chart
  - (ii) Report Design
5. Explain the following : 16
- (i) Equipment Specification and Selection
  - (ii) I-O design

**UNIT – III**

6. Describe the following : 16
- (i) Data Dictionary
  - (ii) Decision Tree
- 57552- (P-3)(Q-9)(22) ( 2 )

7. What do you understand by logical design to physical implementation ? 16

**UNIT – IV**

8. Explain in detail about Distributed Database System. 16
9. Describe the following : 16
- (i) State Transition Diagram
  - (ii) Real Time System

57552- (P-3)(Q-9)(22) ( 3 )