

57552

**BBA 6th Semester (N. S.) 2014-17  
Examination – May, 2024**

**SYSTEM ANALYSIS & 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 :** Section-A (Question No. 1) is *compulsory*. Attempt four questions from Section-B by selecting *one* question from each Unit. All questions carry equal marks.

**SECTION – A**

1. Write short notes on : 8 × 2 = 16
- (a) Economic feasibility
  - (b) MIS
  - (c) Coupling and Cohesion
  - (d) In which situation we use a decision table.

- (e) Audit trail
- (f) Primary source of system request
- (g) Fact finding techniques
- (h) Deterministic v/s Probabilistic system.

**SECTION – B**

**UNIT – I**

2. What is the system development life-cycle ? How does it relate to system analysis ? 16
3. Construct an ER diagram for an library management system. 16

**UNIT – II**

4. Explain the DFD. What is the drawback of DFD ? Draw a DFD for the University Admission system. 16
5. Discuss the whole equipment specification and selection process in detail. 16

**UNIT – III**

6. Define a decision support system. What are its characteristics ? List the various components of DSS. 16
7. Define the term 'Data Dictionary'. Why do analysts use data dictionaries ? List the reasons. 16

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## UNIT – IV

8. What is the client-server architecture of the DDBS ?  
Discuss the various benefits and limitations of the  
client-server. 16
9. What is data-replication ? Discuss the significance of  
data replication in DDBM. 16
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