

Roll No.

57552

BBA 6th Semester (N. S.) 2014-17

Examination – April, 2018

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 : All questions of Section – A are *compulsory*. Attempt any *four* questions from Section –B, selecting at least *one* question from each Unit. All questions carry equal marks.

SECTION – A

1. Explain the following in brief :
 - (a) Overview of relational DBMS
 - (b) Explain distributed data processing .

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(c) Benefits of prototyping in software development.

(d) Major advantage of database.

(e) I-O design.

(f) Equipment specification.

(g) Types of distributed database.

(h) Data replication.

SECTION - B

UNIT - I

2. What is SDLC ? Discuss various operations involved at various stages of SDLC.

3. List and discuss the different types of project feasibility factors. Is any factor most important ? Why or why not ?

UNIT - II

4. How can DFDs be used as analysis tools ? Explain the guidelines for deciding when to stop decomposing DFDs.

5. How design considerations are different in distributed systems ?

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UNIT - III

6. How do you know when to use Structured English, decision tables, or decision tree ? Which is best for what situation ?

7. Discuss the organizational issues involved in system implementation. How these issues can be resolved ?

UNIT - IV

8. What do you mean by architecture of distributed database system ? What different types of architecture ? Discuss each of them with neat sketch.

9. What is distributed database designing ? Discuss the purpose and uses of distributed database designing.

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