57552

BBA 6th Semester (N. S.) 2014-17
Examination – July, 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

    (a) ER data model

    (b) DFD

    (c) Decision Tables

    (d) Real Time System

UNIT – I

2. Define System. Explain its components and characteristics. 16

3. Describe the role of System Analyst. Also explain various CASE tools for analyst. 16

UNIT – II

4. What do you mean by system application design ? Explain in detail. 16

5. Explain the following :

(i) Equipment specification and selection 16

(ii) I/O design 16

UNIT – III

6. Describe the following :

(i) Data dictionary

(ii) Decision trees

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7. What do you mean by logical design to physical implementation ? Describe in detail. 16

UNIT – IV

8. Define Distributed System. What are the main characteristics of it. Also describe three main issues in designing distributed system. 16

9. Define real time system what are the tools available for event based real time system ? 16

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