F-152

B.B.A. EXAMINATION, May 2018

(Sixth Semester)

(Main & Re-appear)

BBA304

SYSTEM ANALYSIS AND DESIGN

Time : 3 *Hours*]   [*Maximum Marks :* 70

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

Note : Attempt *Five* questions in all, selecting at least *one* question from each Unit. All questions carry equal marks.

Unit I

1. Elaborate the role of system analyst in designing the system.   **14**

2. Explain the following :

(a) E-R data model **7**

(b) Explain different types of CASE tools used m different phases of software life-cycle. **7**

Unit II

3. Define DFD. What is the drawback of DFD ? Draw a DFD for the university admission system. **14**

4. What is input and output design ? Explain, why proper form designing is essential for a system ? Briefly, discuss the criteria used for Form design. **14**

Unit III

5. (a) Describe the importance and characteristics of a good documentation in systems development process. **7**

(b) What do you mean by decision table ? Explain with suitable example. **7**

6. What is system implementation process ? Explain various system implementation methods with their and demerits. **14**

Unit IV

7. What is meant by distributed data processing system ? Explain its characteristics and limitations. Mention the mechanism of evaluating the distributed data processing system. **14**

8. Explain the following :

(a) Designing distributed data principles **7**

(b) Event based real time analysis tools. **7**