

Roll No. ....

Exam Code : J-19

Subject Code—0771

**B. B. A. (Second Year) EXAMINATION**

(For Batch 2009 to 2017)

SYSTEM ANALYSIS AND DESIGN

BBA-207

*Time : 3 Hours*

*Maximum Marks : 70*

**Section A**

**Note :** Attempt any *Seven* questions.      **7×5=35**

1. Who is System Analyst ? What are the important roles play by a system analyst ?
2. What is Computer Based Information System ? Differentiate between Deterministic and Probabilistic Systems.
3. What does data flow diagram level 0 represent ? Write the purpose of data flow analysis.

(3-88-15-0519) **J-0771**

**P.T.O.**

4. What are Prototypes ? Write a detailed note on application prototyping.
5. List and explain the objectives of logical systems design.
6. Write the processing requirements for logical systems design.
7. Distinguish among between physical and logical system design.
8. Write a detailed note on database design.
9. Write a brief note on dialogue design.
10. What is System Maintenance ? Write the different types of system maintenance.

### Section B

**Note :** Attempt all the questions.

11. What do you mean by prototyping in reference to the problems associated with SDLC ? Discuss.

*Or*

How fact finding techniques supports system analyst to prepare a precise SRS ? Explain.

**12**

12. What are the different types of system design ? What describes/includes in logical design of a system ? Explain.

*Or*

What is meant by form design ? Write the different types of forms. How you will ensure the quality of a form ?

**12**

13. What are the characteristics and stages of testing ? Elaborate different types of testing strategies.

*Or*

What is User Procedure Design ? Write a detailed on security considerations for input-output design.

**11**