Roll No. .....

Subject Code—784

B.B.A. (Second Year) EXAMINATION

(Re-appear)

(New Scheme)

BBA-207

SYSTEM ANALYSIS & DESIGN

Time : 3 *Hours* *Maximum Marks :* **100**

Note : Attempt any *Five* questions. All questions carry equal marks.

1. Why is it important to use system analysis and design methodologies when building a system ? Why not build the system in whatever way seems to be 'quick and easy' ?

2. Describe the role and responsibilities of System Analyst. Also describe the difference in the role of a system analyst in the SDLC versus prototyping.

3. Describe your university as a system. what is the input ? the output ? the boundary ? the components ? their inter-relationship ? the constraints ? the purpose ? the interfaces ? the environment ? Draw a diagram of this system.

4. Describe system analysis and the major activities that occur during this phase of the system development life-cycle.

5. List the steps in maintenance process and contrast them with the phases of SDLC.

6. Define documentation. What is its role in SDLC ? Explain various types of documentation and documentation tools used in SDLC.

7. Describe various types of testing methods adopted while testing candidate system.

8. (a) Identify different security considerations while designing new system.

   (b) How do you know when to use structured English, decision table or decision-tree ? Which is best for what situation ?

9. What is data flow diagram ? Why do system analysts use DFD ? Also explain the rules for drawing good data flow diagram.

10. Write short notes on any *four* of the following :

    (a) Walkthrough

    (b) Prototyping

    (c) Data Dictionary

    (d) Dialogue

    (e) Audit Trail

    (f) Disaster Recovery.