Roll No. .....

Subject Code—8161

B.B.A. (Second Year) EXAMINATION

(Main/Re-appear Batch 2009 Onwards)

BBA-207

SYSTEM ANALYSIS AND DESIGNS

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

Section A

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

1. Describe different project planning tools.

2. State the difference between program and software. Why have documents and documentation become very important ?

3. What do you understand by the term Software Development Life-Cycle (SDLC) ? Why is it important to adhere to a life-cycle model while developing a large software product ?

4. What is design ? Describe the difference between conceptual design and technical design.

5. What is Software Testing ? Discuss the role of software testing during software life-cycle and why is it so difficult ?

6. What do you mean by fact finding techniques ?

7. The complexity of the code is quite high and is equal to 8. Calculate the total effort expended (M) :

   (a) Maintenance team has good level of understanding of the project (d = 0.9)

   (b) Maintenance team has poor understanding of the project (d = 0.1)

8. What is Software Maintenance ? Describe various categories of maintenance. Which category consumes maximum effort and why ?

9. Differentiate the designing of a form and dialogue ?

Section B

Note : Attempt all the questions.

10. Compare iterative enhancement model and evolutionary process model. Sketch a neat diagram of spiral model of software life-cycle. 12

Or

Differentiate and describe physical system design, file design and database design.

11. What is the Software Requirement Specification ? List out advantages of SRS standards ? Why is SRS known as black box specification of a system ? 12

Or

Define System and System Analyst. Explain the role of system analyst in designing of a system.

12. What is the difference between : 11

(a) Alpha testing and Beta testing

(b) Development and Regression testing

(c) Functional and Structural testing.

Or

Describe the following :

(a) Computer aided systems tools

(b) User procedures design.