

Roll No. ....

Exam Code : J-19

Subject Code—0233

**M.B.A. EXAMINATION**

(Batch 2009 to 2017)

(Third Semester)

SYSTEM ANALYSIS AND DESIGN

ITM-320

*Time : 3 Hours*

*Maximum Marks : 70*

**Section A**

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

1. Explain working of a system with neat diagram
2. Differentiate between top-down and bottom-up techniques.
3. What is the purpose of decision table ? What components make up a decision table ?

4. Explain role of Audit, Review in system design.
5. Differentiate between conversion plan and operational plan.
6. What is the purpose of software testing ? Explain using examples.
7. Why perform preliminary investigation of a system ? Explain briefly.
8. Differentiate between open system and closed system with example.
9. What is structured analysis ? How does it differ from the traditional approach ?
10. What do you meant by term benchmark ? Explain briefly benchmark ? Give examples of benchmarks.

### Section B

**Note :** Attempt all the questions.

11. What do you understand by Data Flow Diagram ? Illustrate the importance of Data Flow Diagram by taking a suitable example. **12**

*Or*

Describe the criteria for software purchase, selection from vendor briefly. Enumerate various points that need to be considered prior to software selection.

12. Describe the following in detail :

(a) Data Dictionary

(b) Hardware Selection. **6×2=12**

*Or*

What do you mean by feasibility analysis ? Explain economic, technical and behavioural considerations in feasibility analysis.

13. What is meant by project ? Describe the various benefits of project management. **11**

*Or*

What is system selection ? Enumerate various points that need to be considered prior to system selection.