(b) What do you mean by internet system ? What are the issue related to design internet system ? **7**

9. Describe the term distributed system. Explain the importance of distributed system with real life example. **14**

Subject Code—0259

M.B.A. EXAMINATION

(Batch 2018 Onwards)

(Third Semester)

SYSTEM ANALYSIS AND DESIGN

ITM-320

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

Note : Attempt *Five* questions in all, selecting at least *one* question from each Unit. Q. No. **1** is compulsory.

1. (a) What is a System ? Discuss various categories of a system.

(b) What is meant by system review ? Why and when is it required ?

(c) Compare distributed system and internet system.

(d) Elaborate the concept of software development life-cycle.

(e) Explain the importance of feedback in system.

(f) Define the terms GANTT Chart, PERT Chart, Structure Chart with example.

(g) Explain the concept of Cost/Benefit analysis.   **2×7=14**

Unit I

2. What is Business Information System ? What are the various types of Business Information System ? Explain briefly.   **14**

3. What do you mean by feasibility study ? Explain economic, technical considerations in feasibility study.   **14**

Unit II

4. What do you understand by Data Flow Diagram ? Illustrate the importance of Data Flow Diagram by taking a suitable example.   **14**

5. Explain the role of preliminary investigation in software projects. Explain various preliminary investigation activities in project selection.   **14**

Unit III

6. (a) What are the major steps involved with system implementation ?   **10**

   (b) Explain the concept of Quality Assurance.   **4**

7. (a) What steps involved in System Changeover.   **10**

   (b) Explain the concept of system testing. Why do we need system testing ?   **4**

Unit IV

8. (a) What are the advantages and disadvantages of distributed system over internet system ?   **7**