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8. What are the various challenges for designing distributed systems ?
9. Explain with neat diagram architectural models of distributed systems.

Roll No.

56082

M.B.A. 2 Year 4th Sem.

(N.S.) (Re-appear)

Examination-December, 2015

System Analysis and Design

Paper-MBA-414

Time : 3 hours

Max. Marks : 80

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard will be entertained after the examination.

Note : Section-A. is **compulsory**. In Section-B attempt **one** question from each unit. All questions carry equal marks.

Section-A

1. (a) Define the term 'system'.

(b) What are CASE tools ?

- (c) What is data dictionary ? Explain with the help of an example.
- (d) Explain the reasons for the initiation of an information system project.
- (e) What is the purpose of using HIPO charts ?
- (f) How does a decision tree help system designer ?
- (g) What is Cohesion and Coupling ?
- (h) Specify the uses of a Decision Table.

Section-B

- 2. (a) What is feasibility study ? Discuss its importance. What is the role of feasibility study in designing a system ?
- (b) Discuss the responsibilities of a System Analyst.

- 3. Why is feasibility study important for the system design ? How does the cost benefit analysis contribute in it? Describe various types of costs and benefits involved in such a study.

Unit-II

- 4. Explain the various fact gathering techniques.
- 5. Describe the tools and techniques of cost-benefit analysis.

Unit-III

- 6. State & Explain types of Documentation in detail.
- 7. Explain System testing and its types. Explain the System Acceptance criteria.