9. (a) Identify various types of resources that can usefully be shared in computer networks. Give examples of their sharing as it occurs in distributed systems.

(b) Discuss briefly key challenges that one needs to address in the design and development of distributed applications.

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MBA 2 Year 4th Semester (N.S.) Examination– May, 2016

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. Answer the following in brief :

(i) What is data dictionary ? Explain with the help of an example.

(ii) Explain the reasons for the initiation of an information system project.

(iii) What is the difference between system analysis and system synthesis ?

(iv) What role does a repository play in system analysis ?

(v) Discuss the need for feasibility study.

(vi) Why distributed systems are preferred ?

(vii) Delineate the costs involved in system maintenance.

(viii) Why is documentation of a system necessary ?

SECTION - B

UNIT - I

2. Describe the scope of a Feasibility Study. Describe the scope of economic, organizational, cultural and technological and resource feasibility analyses.

3. What are CASE tools ? What are the reasons for deployment of CASE Tools in system development ?

UNIT - II

4. List the various cost benefit evaluation methods. What are the difficulties in carrying out a cost benefit analysis ?

5. What is a fact-finding technique ? What kind of fact finding techniques would you use for investigating the information requirements for a hospital which is presently doing manual registrations ? Which kind of techniques do you think will be more effective ?

UNIT - III

6. Discuss the various system changeover methods (i.e., direct, parallel, pilot and phased)

7. Discuss the various training aids used for training user on a new system.

UNIT-IV

8. Discuss briefly key challenges that one needs to address in the design and development of distributed system.