

9. (a) Identify various types of resources that can be shared in computer networks. Give examples of their sharing in distributed systems. (16)
- (b) Discuss the key challenges that one faces in the design and development of distributed applications. (4)

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56082

**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 a repository play in system anal
- (v) Discuss the for feasibility study.
- (vi) Why distribu systems are preferred ?
- (vii) Delineate th sts involved in system maintenanc
- (viii) Why is de entation of a system necessary ?

S. ON - B

P - I

- 2. Describe the s of a Feasibility Study. Describe the scope of economic, organizational, ral and technological ty analyses.
- 3. What are CASE ? What are the reasons for deployment CASE Tools in system development ?

P - II

- 4. List the vario ost benefit evaluation methods. What e difficulties in carrying out a cost benef dlysis ?

- 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.