Seat No.:	Enrolment No
<b>GUJARAT TECHNOLOGICAL UNIVERSITY</b>	

MBA - SEMESTER-III • EXAMINATION – WINTER 2013 Subject Code: 830402 Date: 20-12-2013 **Subject Name: System Analysis and Design (SA&D)** Time: 14:30 pm - 17:30 pm**Total Marks: 70 Instructions:** 1. Attempt all questions. 2. Make suitable assumptions wherever necessary. 3. Figures to the right indicate full marks. Q.1 (a) What is prototyping? How can prototyping and CASE tools augment SDLC? 07 (b) Describe and compare various sources of software. Discuss four approaches to 07 reuse in detail. According to you, which reuse approach is the best and why? (a) Describe value chain analysis and how organizations use this technique to evaluate 07 0.2 and compare projects. (b) What are the three generic competitive strategies? Describe what is meant by 07 information systems planning and discuss steps involved in the process. (b) Describe the activities performed by the Project Manager during project initiation 07 and project planning. (a) What is the degree of relationship? Give an example of each of the relationship Q.3**(b)** Define Decision table. Explain the steps in creating a decision table. **07** OR (a) What do you mean by requirement determination? And discuss contemporary, **Q.3** traditional and radical method for determining system requirements. (b) What is Structured English? How do you know when to use Structured English or 07 decision tables? Which is best for what situation? **Q.4** (a) What are the purposes of Database Design? Define Normalization and its rules. 07 (b) How Structure Charts are useful for representing Design specifications? What is 07 pseudocode and what is its purpose? OR (a) List down various methods of interacting with system. Explain Menu interaction in 07 **Q.4** (b) What are common types of Business reports? Discuss the process of designing forms and reports. Which fundamental questions are to be asked while designing forms and reports? (a) What is E-Commerce? Explain different types of system maintenance and also Q.5 07 describe the factors that influence the cost of maintenance. (b) Explain in detail the various design issues related to Site Management. **07** 

OR

Q.5 (a) Discuss in detail Unified Modeling Language.

(b) Explain configuration management in detail. Also discuss the differences between **07** reverse engineering and reengineering CASE tools.

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