T.E Sem V CBGS-Computer-SOOAD

(11)

(3 Hours) [Total Marks : 80

N.B. (1) Question no. **1** is **compulsory**.

(2) **Attempt** any **three** from the remaining.

1. (a) Describe why a system needs to be analyzed and what are the roles of a system analyst?   10

   (b) Discuss the various steps involved in object oriented system design with appropriate diagrams.   10

2. (a) Write a short note on : Business Process Re-engineering and its activities   10

   (b) What do you mean by SDLC? Describe the different phases of SDLC?   10

3. (a) Draw use case diagram for course registration system and write the use case specification for any two use cases   10

   (b) Write a system proposal to keep track of inventory in manufacturing unit.   10

4. (a) Draw the DFD for order entry system (up to 2 levels) and describe the procedure for its validation.   10

   (b) Draw the sequence diagram for login procedure to a system. Include all possible scenarios and draw its activity diagram also.   10

5. (a) Assume that the library management system is deployed in a client server architecture. Explain the various components and its deployment   10

   (b) Explain the relationship of all 00 models with a diagram.   5

   (c) Write a short note on : Traditional Approach to Design   5

6. (a) What are fraud risks and state its prevention techniques   10

   (b) Explain the activities done during feasibility analysis. Give the structure of feasibility report.   10

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JP-Con. : 11311-15.