

B.E. 8th Semester (CSE) Elective Examination,

December-2013

OBJECT ORIENTED SYSTEMS DEVELOPMENT

Paper-CSE-448-E

Time allowed : 3 hours]

[Maximum marks : 100

Note : Attempt any five questions. All questions carry equal marks.

1. (a) Explain Construction and Transition stage Software Development Process in detail. 10
- (b) What is use case diagram ? How these are created ? Explain with the help of an example. 10
2. (a) What is UML ? What are its capabilities ? Where it is used ? 10
- (b) What is rational rose ? What are the capabilities and importance of rational rose ? 10
3. Write a short note on :
 - (a) Use case relationships
 - (b) Creating Main use case
 - (c) Elaboration stage of Software development Process.
 - (d) History of UML. 20
4. (a) What is relationship ? What is the need of defining relationships ? How naming of relationships is done ? Explain with the help of examples. 15
- (b) Write short note on multiplicity indicators. 5

5. (a) How the Behaviour and Structure is Represented using interaction diagrams ? Explain by giving examples. 10
- (b) Write a detailed note on Modelling of Dynamic Behaviour. 10
6. (a) Explain the Component View and the Process View by giving example. 10
- (b) What do you mean by combining classes and splitting classes ? When and how the classes are combined and splitted ? Explain by giving examples. 10
7. (a) Explain how you design the User Interface in Iteration Planning Process in detail. 10
- (b) What are the goals and benefits of Iteration Planning Process ? Explain. 10
8. Write short note on :
- (a) Stereotypes and Classes
- (b) Eliminating Classes
- (c) The Logical view
- (d) Emergence of patterns. 20