

ITM(SLS) Baroda University
School of Computer Science, Engineering and Technology
Semester VI

-: Question Bank :-

Course Name : UML and Agile Methodologies

Course Name : C2620C1

Years : 2016

Chapters : 5 8

Total Questions : 15

• **Questions :-**

1. Is UML a programming language? Is it process dependent or independent? Pen down the names all the UML Diagrams. Identify each of the UML diagrams belong to structural and which of these belong to behavioral group.
2. What do you mean by refactoring?
3. Discuss the concept of delegation to share behavior with example
4. Explain the following terms in relation to class design. a. Refactoring b. reification
5. Why model is required in analysis and design? What is the role of UML in preparing the model? Explain the types of model with their purpose in brief. Which of these models belong to structural group and which of them fall under behavioral group?
6. Why class design is prepared? Explain following concepts with respect to class design: (i) Bridging gap (ii) Designing algorithms (iii) Design optimization
7. What tasks are involved in design optimization?
8. What is the importance of adjustment of inheritance? Discuss the steps of doing it.
9. What is the purpose of design optimization? Briefly discuss the tasks of design optimization.
10. What tasks are involved in design optimization?
11. Explain the following terms in relation to class design. (a) Refactoring (b) reification
12. What is the purpose of design optimization? Briefly discuss the tasks of design optimization.
13. Explain the tasks involved in design optimization.
14. What tasks are involved in design optimization?
15. Explain the following terms in relation to class design. a. Refactoring b. reification