

Subject Code: D5803

M.Tech II Semester [R09] Regular Examinations August 2010

OBJECT ORIENTED SOFTWARE ENGINEERING

(CS ,CS&E)

Time: 3 Hours

Max Marks: 60

Answer any FIVE questions All questions carry EQUAL marks

1. a) Briefly explain about OO paradigm?
b) Explain different phases in structure paradigm and OOparadigm?
2. Give details about project management plan in the environment of planning and estimation of software engineering?
3. Give introduction about software metrics and case tools for stepwise refinement in software engineering?
4. Explain the following?
 - a) Data encapsulation and information hiding aspects of objects
 - b) Polymorphism and dynamic binding aspects
5. What is specification document? Explain the formal methods of developing specification document?
6. a) Give introduction about se case modeling?
b) For a library system, draw a use case diagrams that shows which actor perform which use cases and write SRS document

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7. Explain the following questions of design phase?
 - a) Data oriented design with examples
 - b) Object oriented design
8. Briefly explain about the Object Oriented Software Engineering aspects of integration and maintenance phases?