

M.E. DEGREE EXAMINATIONS: MAY / JUNE 2010

Second Semester

COMPUTER SCIENCE AND ENGINEERING

CSE505: Object Oriented Software Engineering

Time: Three Hours

Maximum Marks: 100

Answer All the Questions:-

PART A (10 x 2 = 20 Marks)

1. Define cardinality and modality
2. What are the attributes of the good software?
3. What are the benefits of prototyping?
4. How the activity diagram is different from flowchart?
5. What are test data and test cases?
6. Define software configuration management.
7. What is the use of timeline chart?
8. Mention any two uses of CASE Tools.
9. Define Data dictionary
10. Define cohesion and coupling.

PART B (5 x 16 = 80 Marks)

11. a. Suggest and Explain a suitable process model for the development of timetable system for a college class.

(OR)

- b. Explain the project organization with its concepts.

12. a. Give the IEEE standard template for SRS and discuss every component of SRS in detail.

(OR)

- b. Explain the various elements used to build analysis model.

13. a. Develop the usecase model for RTS "Safehome"

(OR)

b. Explain the concepts of object design and the activities to manage it.

14. a. Explain in detail about OO testing strategies.

(OR)

b. Explain the various black box tests on a developed software before acceptance.

15. a. Explain the concepts of baseline management.

(OR)

b. Write notes on

- i) Change control
- ii) Version control
