

Register Number:

M.E DEGREE EXAMINATIONS: JUNE 2012

Second Semester

COMPUTER SCIENCE AND ENGINEERING

CSE505: Object Oriented Software Engineering

Time: Three hours

Maximum Marks: 100

Answer ALL Questions:-

PART A (10 x 2 = 20 Marks)

1. Annotate Computer Based System.
2. List the life cycle models.
3. Define Validation.
4. What is meant by system modeling?
5. Define information hiding.
6. State data abstraction.
7. Define smoke testing.
8. What do you mean by top-down integration testing?
9. What are the elements of software configuration management?
10. Define Baseline.

PART B (5 x 16 = 80 Marks)

11. a) (i) Explain the types of software products. (8)
(ii) Describe about unified process. (8)

(OR)

- b) (i) What are the characteristics of software products? Explain. (8)
(ii) Discuss in detail about the waterfall model. (8)

12. a) Explain about system modeling.

(OR)

- b) Explain the requirement tasks.

13. a) What are the steps involved in system design? Explain.

(OR)

- b) Illustrate with neat diagram about the structured design.

14. a) Explain in detail about unit testing.

(OR)

b) Describe about integration testing.

15. a) Explain about software configuration management.

(OR)

b) Describe the software quality assurance.
