

LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.Sc. DEGREE EXAMINATION – COMPUTER SCIENCE

SECOND SEMESTER – APRIL 2010

CS 2954 - OBJECT ORIENT.ANALYSI & DESIGN

Date & Time: 26/04/2010 / 1:00 - 4:00

Dept. No.

Max. : 100 Marks

PART – A

Answer ALL the questions

(10 x 2 = 20)

- 1) Give the reasons for Object orientation.
- 2) Define the term: Aggregation.
- 3) Differentiate Assembly and Container.
- 4) What is meant by Classification?
- 5) Define Metadata.
- 6) What is coupling? Mention its type.
- 7) What is the purpose of a view layer interface?
- 8) List the steps involved in micro development process.
- 9) What is an Alpha testing?
- 10) What are the objectives of testing?

PART – B

Answer ALL the questions

(5 x 8 = 40)

- 11) a) Briefly explain about the series of transformation in the software development process.
(Or)
b) Explain briefly about Class Hierarchy.
- 12) a) What is CRC technique? Explain briefly about it.
(Or)
b) Give brief notes about Associations.
- 13) a) Explain briefly about the process of Object oriented design..
(Or)
b) Explain about the different database views.
- 14) a) Describe the Mapping techniques.
(Or)
b) Elaborate the process of designing view layer classes with suitable examples.
- 15) a) Explain briefly about Myer's Debugging principles
(Or)
b) Provide the guidelines for developing usability testing.

PART –C

Answer any TWO questions

(2 x 20 = 40)

- 16) a) How the noun phrase approach used to identify classes? Explain. (10)
b) Discuss elaborately about patterns. (10)
- 17) a) Explain the different User interface design rules to be followed in designing interface objects.
b) Explain in detail how the axioms and corollaries are used in designing user interface. (10)
- 18) a) Explain in detail about various testing strategies. (10)
b) Describe in detail about Object modeling technique. (10)
