



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.Sc. DEGREE EXAMINATION – COMPUTER SCIENCE

FIRST SEMESTER – NOVEMBER 2018

16/17/18PCS1MC06 – OBJECT ORIENTED SOFTWARE ENGINEERING

Date: 01-11-2018

Dept. No.

Max. : 100 Marks

Time: 01:00-04:00

SECTION-A

ANSWER ALL THE QUESTIONS:

(10 X 2 = 20)

1. Define: Object, Polymorphism.
2. What is Objectory?
3. Differentiate Uses and Extends Association.
4. What is Aggregation?
5. Define Corollary.
6. What is Coupling?
7. List any two purposes of a view layer interface.
8. Enumerate any two guidelines for using fonts.
9. What are language errors?
10. What is a test case?

SECTION-B

ANSWER ALL THE QUESTIONS:

(5 X 8 =40)

11. a) Describe the processes and components of the Unified Approach.
(OR)
b) Compare UML Sequence and Collaboration Diagrams.
12. a) Explain Super Sub class relationships with examples.
(OR)
b) Describe the Noun Phrase approach for identifying classes.
13. a) Explain Corollary 3 and Corollary 6 with respect to the Object oriented design axioms.
(OR)
b) Compare Object Oriented V/s Traditional databases.
14. a) List out the guidelines for designing dialog boxes and error messages.
(OR)
b) Explain the micro level process in designing view layer classes.
15. a) Enumerate the guidelines for developing Test Plan.
(OR)
b) Explain the characteristics of Continuous Testing.

SECTION-C

ANSWER ANY TWO QUESTIONS:

(2 X 20 = 40)

16. (a) Explain Booch and Jacobson Methodologies in Object Oriented Software development. (10)
(b) Describe Use case Model with an example. (10)
17. (a) Describe the designing of access layer classes. (10)
(b) Elaborate the User Interface Design Rules. (10)
18. (a) Describe the features of User Satisfaction Testing and the guidelines to develop it. (10)
(b) Explain the different testing strategies. (10)
