LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.Sc. DEGREE EXAMINATION – **COMPUTER SCIENCE**

FIRST SEMESTER – APRIL 2018

17/16PCS1MC06- OBJECT ORIENTED SOFTWARE ENGINEERING

Date: 03-05-2018   Dept. No.   Max. : 100 Marks
Time: 01:00-04:00

PART – A   **10x2 = 20 marks**

Answer all the questions:

1. What is object oriented software engineering?

2. What is UML?

3. Draw the basic notations of use case diagram.

4. What are attributes?

5. What is object oriented design?

6. Write any two advantages of OODBMS

7. What is view layer class?

8. What is robustness?

9. Write the difference between alpha and beta testing.

10. What is software quality assurance?

PART – B   **5x8 = 40 marks**

Answer all the questions:

11.a) Explain about object modeling.
                        (or)
   b) Explain about any three object oriented programming concept with an example.

12.a). Write a short note on Use case diagram.
                        (or)
   b). Explain about naming classes with suitable example.

13.a). Explain about object oriented database.
                        (or)
   b). Write a short note on designing the access layer class.

14.a) Explain about user interface design.
                        (or)
   b). Write short notes on reusability.

15. a) Explain about different types of testing.
.   (or)
   b). Write short notes on project management.

Answer any two questions:

16. a). Explain in detail about object oriented methodologies.

    b). Write in detail about naming the classes in Use case. Draw a case diagram for

library management system.

17. a). Explain in detail about object oriented design process and axioms.

    b). Discuss about object oriented programming style in detail.

18. a) Explain in detail about object oriented testing.

.   b). Discuss in detail about project selection and preparation.

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