



**LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034**

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

**FIRST SEMESTER – APRIL 2018**

**CS 1823- OBJECT ORIENTED SOFTWARE ENGINEERING**

Date: 03-05-2018  
Time: 01:00-04:00

Dept. No.

Max. : 100 Marks

**PART – A**

**10x2 = 20 marks**

**Answer all**

1. What is object oriented software engineering?
2. What is object orientation?
3. What is analysis?
4. What is object oriented database?
5. Write the rules to identify use case.
6. Mention the components of use case diagram.
7. What is project management?
8. What is software metrics?
9. What is object oriented software design?
10. Write any two disadvantages of OMT model.

**PART – B**

**5x8 = 40 marks**

**Answer all**

- 11.a). Write short notes on characteristics of object oriented programming.  
(or)  
b). Explain about any three object oriented programming concept with an example.
- 12.a). Write a short note on object oriented architecture.  
(or)  
b). Explain about object oriented software testing.
- 13.a). Explain about classification.  
(or)  
b). Write short notes on attributes.
- 14.a) Explain about importance of project selection .  
(or)  
b). Write short notes on project staffing.
15. a) Explain about object oriented analysis.  
(or)  
b) Write short notes on HOOD methodology

**PART- C**

**2x 20 =40 marks**

**Answer any Two**

- 16. a). Explain in detail about object oriented system development life cycle.
  - b). Explain in detail about different types of testing
- 17. a). Draw the use case diagram for core banking.
  - b). Explain in detail about software quality assurance.
- 18. a). Discuss in detail about object modeling technique.
  - b) Explain about applications of object oriented software engineering.

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