LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.Sc. DEGREE EXAMINATION - **COMPUTER SC.**

FIRST SEMESTER – **APRIL 2013**

CS 1817 - OBJECT ORIENTED SOFTWARE ENGINEERING

Date : 30/04/2013   Dept. No.   Max. : 100 Marks
Time : 9:00 - 12:00

PART – A

Answer all   10x2 = 20 marks

1. List out the components of software architecture.
2. Mention the prominent qualities of object oriented system.
3. List out the sub process of testing process.
4. What is use of test model?
5. What is the use of use case diagram?
6. Mention any four guidelines for naming classes.
7. What is software metrics?
8. What is the use of SQA?
9. Write the activities involved in Booch method.
10. What is the use of object oriented method?

PART – B

Answer all   5x8 = 40 marks

11.a).Write a short note on typical waterfall model .
                              (or)
   b).Write a short note on system development process with a neat diagram.

12.a). Explain about the various activities of object oriented analysis.
                              (or)
   b).Explain about database specialization.

13.a).Explain about the various steps in object oriented analysis.
                              (or)
   b).Write a short note on developing effective documentation.

14.a) Explain about the guidelines for preparing test case plan.
                              (or)
   b).Write a short note on project management.

15. a).Draw a neat diagram for steps involved in HOOD method.
                              (or)
   b) Explain about object oriented analysis by Coad-Yourdon.

PART- C

16. a).Explain about the OOP concepts in detail

    b). Explain in detail about object oriented software engineering design model

17. a). Explain in detail about use case model with suitable example.

     b).Explain in detail about different types of testing strategies.

18. a). Explain in detail about different types object oriented methods.

    b) Explain in detail about analyzing the VIANET BANK ATM- using use case driven
       approach with a neat diagram.

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