LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

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

FIRST SEMESTER – NOVEMBER 2016

CS 1823 - OBJECT ORIENTED SOFTWARE ENGINEERING

Date: 04-11-2016
Time: 01:00-04:00

Dept. No.

Max. : 100 Marks

PART-A

Answer ALL the questions   10*2=20

1. What do you mean by information hiding?
2. Why we go for different Versions?
3. List the dimensions of analysis model.
4. Define Stimuli. Give one example.
5. What do you mean by collaborations?
6. What are packages?
7. What is the need of reviews?
8. Why is quality assurance needed?
9. Name the physical views in OOD.
10. List the models used in Object Modeling Technique.

PART-B

Answer ALL the questions   5*8=40

11. a) Explain water fall model with neat diagram.

    (or)

    b) Write notes on inheritance and polymorphism with examples.

12. a) Describe the industrial model of real time system.

    (or)

    b) Draw and explain the integration diagram for telecom system.

13. a) Design use case model for VIANET with extensions.

    (or)

    b) State the guidelines for selecting classes from the relevant and Fuzzy classes.

14. a) Explain the roles of people involved in project.

    (or)

    b) Discuss project organization and management.

15. a) Explain Object Oriented Analysis.

    (or)

    b) Elucidate OMT.

PART-C

Answer any TWO questions.   **2*20=40**

16. a) Explain system development as a process of change   **(10)**

    b) Elucidate the analysis model of a recycling machine.   **(10)**

17. a) Describe common class approach.   **(10)**

    b) Explain guidelines for developing documentation.   **(10)**

18. Elucidate the following

    a) Booch methodology.   **(10)**

    b) Any two types of testing.   **(10)**

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