



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.Sc. DEGREE EXAMINATION – COMPUTER SCIENCE

FIRST SEMESTER – NOVEMBER 2017

17/16PCS1MC06 - OBJECT ORIENTED SOFTWARE ENGINEERING

Date: 10-11-2017
Time: 01:00-04:00

Dept. No.

Max. : 100 Marks

PART – A

Answer all the questions:

10x2 = 20 marks

1. Define the term: Software engineering.
2. What is UML?
3. What is analysis?
4. What are attributes?
5. What is a design axiom?
6. What is OODBMS?
7. What is user interface design?
8. What is extensibility?
9. What is white box testing?
10. Write the difference between testing and debugging.

PART – B

Answer all the questions:

5x8 = 40 marks

- 11.a) Explain about object oriented system development.
(or)
b) Write short notes on any three object oriented methodologies.
- 12.a). Write a short note on Use case diagram.
(or)
b). Explain the approaches to identifying classes.
- 13.a). Explain about object oriented design process.
(or)
b). Write a short note on object relation system.
- 14.a) Explain about user interface design.
(or)
b). Write short notes on view layer interface.
15. a) Explain about the debugging process
(or)
b). Write about software metrics and its uses.

PART- C

Answer any two questions:

2x 20 =40 marks

16. a). Explain in detail about object oriented programming concepts.
- b). Write in detail about naming the classes in Use case. Draw a case diagram for core banking system.
17. a). Explain in detail about object oriented database management system.
- b). Discuss about programming style in detail.
18. a) Explain in detail about different types of testing.
- b). Discuss in detail about software quality assurance.

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