

LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034



M.Sc. DEGREE EXAMINATION – COMPUTER SCIENCE

FIRST SEMESTER – NOVEMBER 2019

PCS 1506 – OBJECT ORIENTED SOFTWARE ENGINEERING

Date: 07-11-2019

Dept. No.

Max. : 100 Marks

Time: 01:00-04:00

PART – A

10x2 = 20 marks

Answer all

1. Define the term: software engineering.
2. Write the steps in object oriented system development.
3. What is analysis?
4. Define attribute.
5. What are design axioms?
6. What is OODBMS?
7. What is user interface design?
8. Define extensibility
9. What is white box testing?
10. Write the difference between testing and debugging.

PART – B

5x8 = 40 marks

Answer all

- 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 various approaches used to identify 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 debugging process
(or)
b). Write about software metrics and its uses.

PART- C

2x 20 =40 marks

Answer any Two

16. a). Explain in detail about object oriented programming concepts.
- b). Write in detail about naming the classes in se-case. Draw an use-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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