



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.C.A. DEGREE EXAMINATION – COMPUTER APPLICATIONS

SECOND SEMESTER – APRIL 2018

CA 2805- OBJECT ORIENTED SOFTWARE ENGINEERING

Date: 21-04-2018
Time: 01:00-04:00

Dept. No.

Max. : 100 Marks

Part-A

(5 x 2 = 10)

ANSWER ALL :

1. What is object oriented software engineering?
2. How reusability can be achieved using OOSE?
3. Write any two advantages of UML.
4. What is requirement analysis?
5. What is block design?
6. What is OODBMS? Mention the use of it.
7. Write the difference between testing and debugging.
8. What is integration testing?
9. Write the steps involved in risk analysis
10. What is software configuration management?

Part-B

(5x 8 = 40)

ANSWER ALL :

11. a) Write short notes object oriented system development.
(or)
b) Explain about spiral model.
12. a) Explain about interaction diagram with an example.
(or)
b) Explain about state chart diagram with a neat diagram..
13. a) Explain about software construction
(or)
b) Write short notes on components OODBMS.
14. a) Explain about various testing activities.
(or)
b) Write short notes on automation testing.
15. a) Explain about the various criteria of project selection.
(or)
b) Explain about software project management

Part-C

2 x 20 = 40)

ANSWER ANY TWO :

16. a) Explain in detail about object oriented methodologies.
b) Draw the use case diagram for online ticket reservation system.
- 17.a) Explain about object OODBMS in detail.
b) Explain in detail about software testing concepts.
18. a) Explain in detail about software quality assurance.
b). Explain about prototyping model in detail.

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