

B.C.A. DEGREE EXAMINATION, NOVEMBER 2018
II Year III Semester
Core Major- Paper V
OBJECT ORIENTED ANALYSIS AND DESIGN

Time : 3 Hours

Max.marks :75

Section A ($10 \times 2 = 20$) Marks

Answer any **TEN** questions

1. List the key steps in OOAD.
2. Define patterns.
3. What do you mean by object diagram?
4. Define primary actor and supporting actor.
5. What are meta-classes?
6. Define axioms.
7. What are attributes?
8. Define user interface layer.
9. What is CRC?
10. State about usability testing.
11. What is meant by object store?
12. What is the purpose of debugging?

Section B ($5 \times 5 = 25$) Marks

Answer any **FIVE** questions

13. Give the difference between design patterns and frameworks.
14. Discuss briefly the object relationships and associations.
15. What are the Attributes identified in object-oriented class design phase? Explain.
16. What are the windows in user interface used for? Explain.
17. Illustrate test plans and continuous testing.
18. Briefly describe the micro level process.
19. Why do we go for unified approach? Explain.

Section C ($3 \times 10 = 30$) Marks

Answer any **THREE** questions

20. Explain briefly the various steps in object oriented system development.
21. Explain elaborately about the use case model with suitable example.
22. Explain the object oriented design process and its axioms.
23. Describe the purpose of view layer interface.
24. What are the different types of testing strategies? Explain.

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