

DECEMBER 2021

**P/ID 17619/
PCA5R/PCATE**

Time : Three hours

Maximum : 80 marks

PART A — ($10 \times 2 = 20$ marks)

Answer any TEN questions.

1. What is an object?
2. What is the difference between an object's methods and an object's attributes
3. Name the models in Objectory.
4. What are Stereotypes?
5. Write the steps for finding use cases.
6. What are redundant classes?
7. What is multidatabase system?
8. Define the term DDL.
9. Write the two steps in view layer macro process.
10. What is data entry window?
11. What is regression testing?
12. Compare Verification and Validation.

PART B — ($5 \times 6 = 30$ marks)

Answer any FIVE questions.

13. Briefly describe the Booch system development process.
14. Describe the various forms of Association.
15. What is a-part-of structure? What are the major properties of a-part-of structure?
16. Write about the object-oriented design axioms.
17. Describe the micro processes of view layer design.
18. Discuss on Top-Down and Bottom-Up testing.
19. Write the guidelines for developing a User satisfaction test.

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions.

20. List and explain some of the UML dynamic diagrams.
21. Discuss on 'Use-case driven object-oriented analysis: The Unified approach'.
22. Describe the process of designing classes.

23. Explain the purpose of view layer interface.
 24. What is a test plan? What steps are followed in developing a test plan?
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