

(No additional sheet will be supplied)

**PART – A (5 x 3 = 15 marks)**

Answer any FIVE Questions.

Each question carries 3 marks

Each answer should not exceed 1 page.

1. What is Object Oriented Modeling and Design
2. Write about the generalization with an example.
3. Write about metadata in detail.
4. Write a note on state diagrams in detail.
5. How do you represent objects in detail?
6. Write a note on robust and secure
7. Write about the reusability
8. Write about the passing arguments to methods.

**PART – B (4 x15= 60 marks)**

Answer all Questions.

Each question carries 15 marks

Each answer should not exceed 6 pages

9. What is Object Oriented System development lifecycle in detail?  
(OR)
10. Explain about inheritance and generalization in detail with neat diagram.
11. Explain about the nested state diagrams in detail with an example.  
(OR)
12. Explain about Functional Modeling and Dynamic modeling.
13. What is methodology? Explain about the different methodologies in detail.  
(OR)
14. Explain about the physical packing in detail.
15. Explain about the object oriented style with an example.  
(OR)
16. Explain about the implementing associations in detail.