

F 3427

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Reg. No.....

Name.....



B.TECH. DEGREE EXAMINATION, NOVEMBER 2014

Seventh Semester

Branch : Computer Science and Engineering/Information Technology

OBJECT ORIENTED MODELLING AND DESIGN (R, T)

(Old Scheme—Prior to 2010 Admissions)

[Supplementary/Mercy Chance]

Time : Three Hours

Maximum : 100 Marks

Part A

Answer all questions.

Each question carries 4 marks.

1. Explain briefly object oriented themes.
2. What is the significance of candidate keys ? Explain.
3. What are the operations available in dynamic modeling ?
4. Discuss constraints in functional modeling.
5. Explain the procedure of dynamic modeling analysis.
6. How do you manage data stores in system design ?
7. Explain how adjustment of in heristance is carried out in object design.
8. What are the methods used for object representations in object design ?
9. Make a comparison between implementation model and test model.
10. Give brief description of relationships in UML.

(10 × 4 = 40 marks)

Part B

Answer all questions.

Each question carries 12 marks.

11. Briefly explain the advanced links and association concepts.

Or

12. Explain different abstract classes available in advanced object modeling.
13. Explain a sample dynamic model. Bring out a comparison between dynamic modeling and object modeling.

Or

14. Draw a data flow diagram for library management.

Turn over

15. Discuss in detail the analysis of dynamic modeling.

Or

16. Give a brief description about allocating subsystems to processors and tasks.

17. Discuss any one of the design algorithms and write the procedure for optimization.

Or

18. Describe in detail the documenting design decisions.

19. Give a brief description of analysis model and design model.

Or

20. Discuss the building blocks of UML in detail.

(5 × 12 = 60 marks)

