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7279

Register Number:

Name of the Candidate:

M.C.A. DEGREE EXAMINATION, May 2015

(FIFTH SEMESTER)

531. UNIFIED MODELING LANGUAGE

Time: Three hours   Maximum: 100 marks

SECTION -A   (8 × 5 = 40)
Answer any EIGHT questions

1. Write the software development life cycle of UML.

2. How to model new properties in UML?

3. Explain the procedure for modeling static and dynamic types.

4. Write the procedure to model prototypical instances

5. How to model a flow of control?

6. Describe the way of modelling an operation.

7. Write the steps to model events.

8. Explain the method of modelling reactive objects.

9. Give the method to model source code.

10. Describe about the deployment diagrams.

SECTION -B   (3 × 20 = 60)
Answer any THREE questions

11. Explain the various types of relationships used among the elements in UML with appropriate symbols and examples.

12. Write in detail about the method of using packages in UML with appropriate diagrams and examples.

13. Discuss in detail about Use Case diagrams with examples and neat diagrams.

14. Explain the time and space aspects of a system with the procedure for modelling timing constraints and distribution of objects.

15. Explain the design of components with neat diagrams.