



Reg. No. :

Name :

**Fifth Semester B.Tech. Degree Examination, November 2011
(2008 Scheme)**

08.506 : OBJECT ORIENTED DESIGN AND JAVA PROGRAMMING (R)

Time : 3 Hours

Max. Marks : 100

PART – A

Answer **all** questions.



1. Write a note on the data types in Java.
2. Explain the uses of super keyword in Java.
3. Explain the significance of abstract class.
4. Explain the use of String Buffer class in Java.
5. Explain how Java is suited for internet programming.
6. Explain how serialization is done in Java.
7. Write a short note on swing.
8. Write a note on generative and nongenerative patterns.
9. Write a note on use-case diagram.
10. Write a short note on frameworks.

(4×10=40 Marks)

PART – B

Answer **one** question from **each** Module.

MODULE – I

11. a) Explain UML class diagram. 10
- b) Explain Object Oriented System development life cycle. 10
- OR
12. Explain Booch and Rumbaugh object modelling techniques. 20



MODULE – II

13. a) Explain how multiple inheritance is implemented in Java, with example. 10
b) Briefly explain the features of Java. 10

OR

14. a) Define a package with a class containing a static method that checks whether a given number is prime or not. Also explain how this package can be made use, within another class. 10
b) Explain the use of thread class, in defining threads within Java programs, with example. 10

MODULE – III

15. a) Briefly explain swing in Java. 10
b) Explain the use of Prepared Statement in Java. Also explain how dynamic queries are executed. 10

OR

16. a) Write an applet that accepts two strings and outputs whether they are same or not. 10
b) Write a note on Reflection in Java. 10