

CODE NO: 07A31801

R07

SET - 1

II B.TECH - I SEMESTER EXAMINATIONS - MAY, 2011
OBJECT ORIENTED PROGRAMMING
(METALLURGY AND MATERIAL TECHNOLOGY)

Time: 3hours**Max. Marks: 80**

Answer any FIVE questions
All Questions Carry Equal Marks

- - -

1. Discuss about Java byte code, buzzwords and control statements. [16]
- 2.a) What is meant by type conversion and type casting? Discuss about overloading of methods and constructors.
b) What is meant by recursion? Discuss with a sample Java program how it is different from iteration? [8+8]
3. What is inheritance? Discuss member access rules in it. Discuss with suitable Java programs the various ways of usage of *super* keyword. [16]
4. Discuss the need for defining a package. Distinguish among classes, interfaces and packages. [16]
5. What is meant by exceptions? Whether Java is having automatic exception handling mechanism? State and explain various keywords that are used in exception handling. [16]
6. What are component and container? Explain with a sample program how to handle mouse and keyboard events. [16]
7. State and explain with a sample Java program various layout managers and also discuss how to pass parameters to Applets. [16]
8. Write short notes on the following:
a) TCP/IP sockets
b) java.util
c) JFrame and JComponent [16]

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