

IV B.Tech I Semester Supplementary Examinations, April/May 2005
OBJECT ORIENTED PROGRAMMING THROUGH JAVA
(Common to Electronics & Communication Engineering, Electronics & Instrumentation Engineering, Electronics & Control Engineering and Electronics & Telematics)

Time: 3 hours

Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks

1. (a) What is a Java Applet? What is the advantage of writing applets in Java? How it differs from application programs?
(b) What is the usage of import statement? Explain with suitable example.
2. (a) What is a class ? How does it accomplish data hiding ?
(b) Explain the difference between an object and a class.
(c) What is a constructor ? what are its special properties ?
3. (a) Discuss the use 'super' in sub class methods and variables by sample program.
(b) What is dynamic dispatch ? Explain by a sample program.
4. Write a java program to create frame with two button called father and mother. When he click the father button the name of the father, his age and designation must appear. When you click mother similar detail of mother appears.
5. With an example show the handling of mouse events in JAVA?
6. Explain the ContainerListener and its different interface methods.
7. (a) Write the general form of a method declaration that includes a throws clause? Explain with a simple Java program how it works?
(b) List out Java's Unchecked Runtime Exception subclasses and their meaning in tabular form?
8. Explain the following :
 - (a) InputStream
 - (b) OutputStream
 - (c) Reader
 - (d) Writer
