II B.Tech I Semester Examinations,May/June 2012
OBJECT ORIENTED PROGRAMMING
Common to Mechanical Engineering, Mechatronics, Production
Engineering, Automobile Engineering

Time: 3 hours   Max Marks: 80
Answer any FIVE Questions
All Questions carry equal marks
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1. Differentiate object oriented programming and Procedure Oriented programming.
   [16]

2. In JAVA, is exception handling implicit or explicit or both. Explain with the help of example java programs. [16]

3. (a) Explain how the objects are created in Java?
   (b) How can we access the members of a class. Explain with the help of an example. [4+12]

4. Briefly explain the following terms:
   (a) Component.
   (b) Container.
   (c) Panel.
   (d) Window.

5. (a) How does Random class generate pseudo random numbers?
   (b) Write a program to generate a set of random numbers. Find its sum and average. The program should also display * based on the random numbers generated. [16]

6. Write a short notes on:
   (a) Network socket.
   (b) Client/Server.
   (c) Reserved Socket.
   (d) Proxy Server. [4+4+4+4]

7. What is method overriding? How is it achieved in java. [16]

8. (a) Develop an applet that receive three numeric values as input from the user and then displays the largest of the three on the screen.
   (b) Write a HTML page and test the applet. [8+8]

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