Code: R7420206

R7

B.Tech IV Year II Semester (R07) Supplementary Examinations, March/April 2013
OBJECT ORIENTED PROGRAMMING
(Electrical and Electronics Engineering)

Time: 3 hours   Max Marks: 80

Answer any FIVE questions
All questions carry equal marks
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1   Distinguish the following terms:
 (a)   Byte code and JVM.
 (b)   JDK and JRE.

2 (a)   Compare and contrast the string class with string buffer class.
   (b)   Compare and contrast inner class vs. nested class.
   (c)   Write java program to illustrate the usage of inner class.

3 (a)   Explain about final classes, final methods and final variables.
   (b)   Explain about the abstract class with example program.

4 (a)   What is the significance of the CLASSPATH environment variable in creating/using
         a package?
   (b)   Explain how multiple inheritances is implemented by using interfaces with example.

5 (a)   What do you mean by an exception and error? With the help of a simple java
         program explain the concepts error and exception.
   (b)   How do you set and get priority values for threads in java?

6 (a)   What is Delegation event model? Explain it. What are its benefits?
   (b)   How event driven programming is different from structure programming?

7   Differentiate following with suitable examples:
 (a)   Grid layout and grid bag layout.
 (b)   Awt and swing.
 (c)   Applet and JApplet.

8 (a)   Discuss briefly about the following: TCP, UDP and URL.
   (b)   What is Inet address? How to create an Inet address? What is its use?

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