Code: R7411002

R07

IV B.Tech I Semester (R07) Supplementary Examinations, May 2012

OBJECT ORIENTED PROGRAMMING

(Electronics & Instrumentation Engineering)

Time: 3 hours

Max Marks: 80

Answer any FIVE questions
All questions carry equal marks
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1. (a) What is object oriented programming? Discuss the principles of object oriented programming.
   (b) Define the terms agent and responsibility. Explain the relationship of both with an example.

2. (a) What is a string class? What are the methods it contains?
   (b) Discuss the concept of type conversion by means of an example.

3. (a) What is inheritance? Explain different forms of inheritance with example for each.
   (b) Describe how access control is implemented in java.

4. (a) How packages are defined in java? How are they accessed?
   (b) Can interfaces be extended. If so, how. Explain.

5. Explain in detail the life cycle of a thread with a neat sketch.

6. (a) Discuss about checkbox group.
   (b) Briefly explain about the various event listener interfaces.

7. (a) What is an applet? Briefly describe the applet architecture.
   (b) Discuss:
       (i) get parameter()
       (ii) show status()

8. Write short notes on:
   (i) Clint server architecture.
   (ii) IP addressing.

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