Code: R7411002

R07

IV B.Tech I Semester (R07) Supplementary Examinations December 2015

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) Java is both compiled and interpreted language. Discuss.

2. (a) Explain the structure and significance of main method in java.
    (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) Explain the significance of public, private and protected access specifies in inheritance?

4. (a) How packages are defined in java? How are they accessed?
    (b) How to design and implement an interface. Explain with an example program.

5. How many ways are possible in java to create multi threaded program? Discuss difference between them.

6. (a) What is java applet? What is the advantage of writing applets in java?
    (b) Explain about life cycle methods of an applet.

7. Write a program to illustrate the mouse and window events.

8. Write short notes on:
    (i) Differentiate between TCP/IP and UDP/IP.
    (ii) IP addressing.
    (iii) Differentiate between the port and the socket.

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