Code :RA07A3EC06

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II B.Tech I Semester(R09) Supplementary Examinations, May 2011
OBJECT ORIENTED PROGRAMMING
(Mechanical Engineering)
For students of R07 regulation readmitted to II B.Tech I Semester R09

Time: 3 hours   Max Marks: 70

Answer any FIVE questions
All questions carry equal marks
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1. Discuss briefly different abstraction mechanisms possible in Java.

2. (a) What is the use of operators? Describe various types of operators in Java.
   (b) What are the various control structures in Java.

3. (a) What is a class? How the instance of a class is created?
   (b) What is meant by method overloading? What is the difference between method overloading and method overriding?

4. What is a package? Write a sample program that illustrates a package.

5. (a) What is synchronization? Why is thread synchronization important for multi threaded programs?
   (b) What is the Use of "throw", "throws" and "Finally"

6. (a) How events are generated? Are all events generated by user actions? Explain.
   (b) Briefly explain the terms
      i. Component
      ii. Panel

7. (a) Discuss parameter passing in applets with suitable examples
   (b) List out the differences between applets and applications.

8. (a) What is TCP/IP? Explain in detail how TCP/IP differs from UDP/IP
   (b) Discuss briefly about Java.net package.

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