

B.Tech II Year - I Semester Examinations, May-June, 2012**OBJECT ORIENTED PROGRAMMING
(COMPUTER SCIENCE AND ENGINEERING)****Time: 3 hours****Max. Marks: 80****Answer any five questions
All questions carry equal marks**

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- 1.a) Write in detail on object oriented programming features in Java language.
- b) Write briefly on inner classes in Java language. [8+8]
- 2.a) Write in brief on Exception handling with an example program.
- b) Write in brief on Multithreaded programming in Java language. [8+8]
3. Write a Java program to draw a filled circle with Mouse clicking point as the centre and 25 points as Radius, with Random color every time Mouse is clicked. [16]
4. Write a Java program to implement a singly linked list with some integer data in each node. [16]
- 5.a) Write in detail on the life cycle of an applet. Explain with a simple example.
- b) Write in detail on the life cycle of a Servlet and give an example code for a Servlet. [8+8]
6. Write a Java AWT or Swing application for implementing a basic calculator with +, -, *, / and % operators. [16]
7. Write a Java program to read data from standard input and insert data into a student table with fields as (stdid, stdname, stdage, stdmarks) using JDBC connectivity. Write a Java program to display the student data of a given student with id of stdid from a student table. [16]
- 8.a) Write a Java program with command line arguments to copy a file A into file B.
- b) Write a Java program to list the files in a given directory. [8+8]

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