

II B.Tech I Semester (R07) Supplementary May 2012 Examinations
OBJECT ORIENTED PROGRAMMING
(Mechanical Engineering)

Time: 3 hours**Max. Marks: 80**

Answer any FIVE questions
All questions carry equal marks

1. (a) Make out the differences between object oriented programming and structure oriented programming. Which is flexible? Justify.
(b) What is the relationship between "Agent" and "Responsibility"? Explain with a suitable example.
2. Briefly explain the following:
(a) Garbage collection.
(b) Parameter passing methods.
3. (a) Explain the benefits of inheritance.
(b) Explain the use of 'final' inheritance.
4. (a) Define an interface. Write a program which illustrate the way to design and implement an interface.
(b) What is the significance of "Class Path" environment in using a package?
5. (a) Give the list of unchecked exceptions in java with their meaning.
(b) With the help of an example. Explain multithreading by extending thread class.
6. What are the methods supported by key listener and mouse listener interface? Explain each of them with examples.
7. (a) Explain the method of adding graphics and colors to applets.
(b) What is the use of JButton class? Explain with an aid of an application program.
8. Explain connection less client/server interaction with datagram's in detail. Give suitable example.
