

Code No: 54058

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B.Tech II Year II Semester Examinations, November/December - 2015

OBJECT ORIENTED PROGRAMMING

(Common to CSE, IT)

Time: 3 hours

Max. Marks: 75

Answer any five questions  
All questions carry equal marks

1. a) State and explain various abstraction mechanisms in object oriented approach.  
b) Distinguish between classes and instances. Give suitable example to each of them. [7+8]
2. a) Explain method overloading with a sample program.  
b) Explain recursion with a sample program. [8+7]
3. What is meant by hierarchical abstraction? What are the benefits and drawbacks of inheritance and also explain about using final with inheritance. [15]
4. What is class path? How to define and access packages? Explain with a sample program. [15]
5. a) Discuss about resumptive models.  
b) Discuss about java.util package. [8+7]
6. Discuss about thread priorities and interthread communication with a sample program. [15]
7. Explain AWT class hierarchy. Explain border and grid layout managers with an example. [15]
8. Write short notes on the following:  
a) Text fields  
b) JButton class  
c) Check boxes. [5+5+5]

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