

R05

Code No: R05220402

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD

B.Tech II Year II Semester Examinations, November / December-2013

OOPS THROUGH JAVA

(Common to ECE, CSE, IT, ECOMPE)

Time: 3 hours

Max. Marks: 80

**Answer any five questions
All questions carry equal marks**

- 1.a) With the help of a JAVA code to find the sum of command line arguments and count the invalid integers entered?
b) Discuss briefly about scope and lifetime of variables? [8+8]
- 2.a) Using Java code Create a room class, the attributes of this class is roomno, roomtype, roomarea and ACmachine. In this class the member functions are setdata?
b) Explain the concept of nested and inner classes in JAVA. [9+7]
- 3.a) Create class named as 'a' and create a sub class 'b'. Which is extends from class 'a'. And use these classes in 'inherit' class?
b) Explain the usage of "super" keyword with example. [9+7]
4. With a code snippet in JAVA create interface A in this interface create two method meth1 and meth2. Implements this interface in another class named MyClass? [16]
- 5.a) With an example illustrate sub class exception precedence over base class?
b) Write a multithreaded program by creating a subclass of Thread and then creating, initializing, and starting two Thread objects from your class. The threads will execute concurrently and display Java is a language, to the console window. [7+9]
- 6.a) Explain in detail about delegate event model?
b) Describe the methods of font class with examples? [8+8]
- 7.a) Build and show HTML Java code to execute an applet code?
b) List and explain the methods of button control? [10+6]
8. Explain the methods used to provide URL connection and Inet address? [16]
