

Code No: 54058

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**B.Tech II Year II Semester Examinations, May - 2016****OBJECT ORIENTED PROGRAMMING**

(Common to CSE, IT)

Time: 3 hours**Max. Marks: 75****Answer any five questions
All questions carry equal marks**

- 1.a) Write a C++ program to swap two numbers using call by reference.
b) Explain general form of C++ Program. [8+7]
- 2.a) Write a program to illustrate default parameters.
b) Discuss the features of Java. [8+7]
3. Explain the uses of multiple inheritance and multilevel inheritance with the help of suitable programming example. [15]
- 4.a) Discuss the different variables in interface.
b) Explain how to implement, extend and access an interface. [7+8]
- 5.a) Define exception. What is an exception specification? Where it is used?
b) Explain about various string handling functions. [8+7]
- 6.a) What is a thread? Explain multithreading with an example.
b) Which methods are useful in effecting inter thread communication. [7+8]
- 7.a) What are unique features of border layout?
b) Discuss how to handle mouse and keyboard events. [8+7]
- 8.a) Explain about J Tabbed page and J Scroll page.
b) What are the major differences between AWT and Swing? [7+8]

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