

R09

Code No: 54058

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech II Year II Semester Examinations, December - 2017

OBJECT ORIENTED PROGRAMMING

(Common to CSE, IT)

Time: 3 hours

Max. Marks: 75

Answer any five questions

All questions carry equal marks

1. Describe the terms method binding, overriding and exceptions in detail? [15]
- 2.a) Describe the features of constructor and explain constructor overloading with a program?
b) Explain scope and lifetime of variables with a program? [8+7]
- 3.a) Describe member access rules in inheritance?
b) Explain about Object class, its significance and methods with their signature? [8+7]
- 4.a) Give the difference between classes and interfaces with their syntax? Give the significance of variables in an interface? Explain extending of interfaces?
b) Describe the FileInputStream and FileOutputStream classes with programs to illustrate their use? [8+7]
- 5.a) Describe string comparison methods with their syntax: startsWith, endsWith, equals, equalsIgnoreCase and compareTo. Write a Java program for bubble sort to sort strings using compareTo method.
b) List the benefits of exception handling and explain Termination or resumptive models. [10+5]
- 6.a) Explain thread creation and priorities with a program?
b) Describe the terms autoboxing and annotations with programs? [7+8]
7. What is Delegation event model? Explain handling of mouse and keyboard events with and without adapter classes? Write necessary programs? [15]
8. Describe the check boxes, radio buttons and combo boxes components in Swing? Write example swing applications using them? [15]

--ooOoo--