

R09

Code No: 54058

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B.Tech II Year II Semester Examinations, May - 2019

OBJECT ORIENTED PROGRAMMING

(Common to CSE, IT)

Time: 3 hours

Max. Marks: 75

Answer any five questions

All questions carry equal marks

- 1.a) What are the different types of data types in Java? Explain in detail.
b) Explain abstraction mechanisms. [7+8]
- 2.a) Write a short note on Copy Constructor.
b) Briefly explain about the parameter passing techniques in Java. [7+8]
- 3.a) Explain the concept of inheritance in Java by using illustrations.
b) Write a short note on final keyword. [7+8]
- 4.a) What is package? Briefly explain about different usages of import statement.
b) What are the differences between an interface and a class? [8+7]
- 5.a) Describe the usage of try, catch, throw, throws and finally with an example.
b) What are the differences between multithreading and multitasking? [8+7]
- 6.a) Briefly explain the concept about inner classes.
b) Write a short note on the following layout managers:
i) Flow layout
ii) Grid layout. [7+8]
- 7.a) Describe the life cycle of Applet.
b) Describe the concept of Scroll Panes in Swings with an example. [7+8]
- 8.a) Explain how to pass parameters to applets.
b) Describe MVC architecture. [7+8]

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