

II B. Tech II Semester Regular Examinations, April/May 2018
Object Oriented Programming Through Java
 (Common to CSE & IT)

Time: 3 hours

Max Marks: 70

PART – A

Answer ALL questions. All questions carry equal marks

10 * 2 Marks = 20 Marks

- 1). a What is difference between JDK, JRE and JVM? [2]
- b Define Type Conversion and Casting. [2]
- c Define Interface. Give an example. [2]
- d List out the member access rules. [2]
- e What is Exception Handling? [2]
- f How to create a Thread? [2]
- g Write a pseudo code to create Applet. [2]
- h Brief about AWT Class hierarchy. [2]
- i What is Java Swing? [2]
- j Discuss Tabbed Panes. [2]

PART – B

Answer any FIVE questions. All questions carry equal marks.

5 * 10 Marks = 50 Marks

2. Explain in detail with a sample code about a) Overloading b) Recursion [10]
3. How the inheritance concepts in Java are different with C++? Give an example for each type. [10]
4. What is the difference between 'throw' and 'throws' in Java Exception Handling? Explain with a program. [10]
5. Differences between Applets and Applications. Explain lifecycle of an Applet with example code. [10]
6. a) Write short notes on Event Classes, Event Listeners and Delegation Event Model. [10]
b) Explain Handling Mouse and Key Board Events with sample program.
7. What are different types of Layout Managers in java.awt Package? Explain with a program. [10]
8. Explain i) Check Box ii) Combo Box iii) List iv) Canvas [10]
