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II/IV B.Tech (Supplementary) DEGREE EXAMINATION**APRIL , 2017****FOURTH SEMESTER****Time:** Three Hours**GUI Programming****Common for CSE & IT****Maximum : 60 Marks***Answer Question No.1 compulsorily.***(1X12 = 12 Marks)***Answer ONE question from each unit.***(4X12=48 Marks)****(1X12=12 Marks)**

- 1 Answer all questions
 - a) Explain this keyword.
 - b) Write the syntax of creation of multidimensional array of Strings.
 - c) Define interface.
 - d) Differentiate String and String buffer class.
 - e) Define Thread and Process.
 - f) What is event?
 - g) Write the syntax of try ... catch block.
 - h) Define stream?
 - i) Write the syntax of creation of radio buttons in Swings.
 - j) What is adapter class?
 - k) Differentiate AWT and Swings.
 - l) What is IP Address?

UNIT I

- 2 a) Write a simple java program to sort given names **6M**
- b) Explain object oriented concepts **6M**

(OR)

- 3 a) Define Method overriding? Explain the concept of dynamic method dispatch with an example **8M**
- b) Explain about command line arguments with an example program. **4M**

UNIT II

- 4 a) Explain the concept of Exception handling. **6M**
- b) Write a simple JAVA program using built-in exceptions. **6M**

(OR)

- 5 a) Explain the concept of inter thread communication in java with an example program. **12M**

UNIT III

- 6 a) Write a simple Event driven program to create a Registration form using applets. **12M**

(OR)

- 7 a) Write some File manipulation functions in java. **6M**
- b) Explain the life cycle of an Applet. **6M**

UNIT IV

- 8 a) Explain four JDBC drivers in detail. **6M**
- b) Write a Java program to read records from the data base and print them on the console. **6M**

(OR)

- 9 a) Explain the creation of JTabbedPane in Swings with an example program **6M**
- b) Explain Datagram sockets. **6M**