

R13

Code No: 813AQ

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

MCA III Semester Examinations, February - 2021

JAVA PROGRAMMING

Time: 2 hours

Max. Marks: 60

Answer any five questions
All questions carry equal marks

1. Discuss about for-each loop on Java. [12]
- 2.a) Describe class and constructor with an example program.
b) What is method overloading? Explain in detail with example. [6+6]
3. Define interface? Explain multiple inheritance concept and implement in Java. [12]
- 4.a) What is run time polymorphism? Implement it in Java with an example.
b) Describe inner class in detail. [6+6]
- 5.a) Define Socket and Server Socket classes.
b) Write Java program for client and server communication using Socket. [6+6]
- 6.a) Describe File Output and File Input Streams.
b) Write a Java program to copy one file into another file. [6+6]
7. Write a Java program to handle multiple exceptions in Java. [12]
8. Illustrate and explain keyboard event handling mechanism in Java. [12]

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