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

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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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