Code No: 136FM

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
B. Tech III Year II Semester Examinations, November/December - 2020
JAVA PROGRAMMING
(Common to CE, EEE, ME, ECE, EIE, ETM)

Time: 2 hours

Max. Marks: 75

Answer any five questions
All questions carry equal marks
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1.a) Differentiate between Procedure Oriented Programming and Object Oriented Programming.
   b) Write short notes on type casting.   [9+6]

2.a) What is the need of abstract class in Java?
   b) Write a java program for implementing method overriding concept.   [7+8]

3. How to implement user defined exceptions in java? Explain with example.   [15]

4.a) What is the use of JDBC? Describe Driver Manager, SQL query and Order by clause of JDBC.   [8+7]

5. What is Listener Interfaces? Illustrate Mouse motion listener interfaces with suitable java program.   [15]

6.a) What are the rules of constructor?
   b) Write a Java Program to generate Fibonacci series using recursive functions. [5+10]

7.a) What are the advantages of interfaces?
   b) Write a JAVA program for creating a sub package in JAVA.   [5+10]

8.a) Implement listIterator( ) method with appropriate java program.
   b) Explain the various binary input/output file operations.   [7+8]

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