R15

B V RAJU INSTITUTE OF TECHNOLOGY
(UGC AUTONOMUOUS)
B.Tech 2 Year 2 Semester Regular/Supplementary Examinations, Feb 2021
JAVA PROGRAMMING
ACADEMIC

Time: 3 Hours   **Max Marks: 70**

Note: This Question Papers Contains Two Parts A and B
Part A: is compulsory Which Carries 20marks. Answer all Questions in Part A at one place only.
Part B consists of 10 Questions. Answer any five (one full question from each unit). Each question carries 10 marks and may have a, b, c as sub questions.

<center>Part - A   (2 x 10 = 20)</center>

1. a) What are Java Buzz words?

   b) List the features of Java Programming Language

   c) What if I write static public void instead of public static void?

   d) What is the default value of the local variables?

   e) What is an object?

   f) Can we overload the constructors?

   g) Can we make a constructor final?

   h) What is the static block?

   i) What is the difference between static (class) method and instance method?

   j) Can we make the abstract methods static in Java?

<center>Part - B   (5 x 10 = 50)</center>

2 Is it necessary that each try block must be followed by a catch block?

<center>OR</center>

3 What is the difference between throw and throws?

<center>***</center>

4 Write a Java program to count the number of words present in a string?

OR

5 What are the disadvantages of using inner classes?

***

6 How will you invoke any external process in Java?

OR

7 How can an object be unreferenced?

***

8 In Java, How many ways you can take input from the console?

OR

9 What are FilterStreams?

***

10 a) How to make a write-only class in Java?
   b) What are the advantages of defining packages in Java?

OR

11 a) How to create packages in Java?
   b) What is the package?

***