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.

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

1. a) What are Java Buzz words?

   b) What is the platform?

   c) Is delete, next, main, exit or null keyword in Java?

   d) Is delete, next, main, exit or null keyword in Java?

   e) What is the difference between an object-oriented programming language and object-based programming language?

   f) What is a class?

   g) What is the static method?

   h) What are the restrictions that are applied to the Java static methods?

   i) What happens if the static modifier is removed from the signature of the main method?

   j) What are the advantages of passing this into a method instead of the current class object itself?

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

2 Explain the hierarchy of Java Exception classes?
<div align="center">OR</div>
3 Why are the objects immutable in java?

4 What are the differences between StringBuffer and StringBuilder?

OR

5 What is the purpose of toString() method in Java?

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6 What is Garbage Collection?

OR

7 How is garbage collection controlled?

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8 How to set the Permissions to a file in Java?

OR

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

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10 What is the purpose of using java.lang.Class class?

OR

11 What is Socket? What are the steps that are followed when two computers connect through TCP?

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