

B V RAJU INSTITUTE OF TECHNOLOGY
(UGC AUTONOMOUS)

B.Tech 2 Year 2 Semester Regular/Supplementary Examinations, May 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.

Part - A

(2 x 10 = 20)

1. a) What is JRE?

b) What is a JIT Compiler?

c) If I don't provide any arguments on the command line, then what will the value stored in the String array passed into the main() method, empty or NULL?

d) What are the advantages of Packages in Java?

e) What is an object?

f) What is a class?

g) Can we override the static methods?

h) Can we make a constructor final?

i) What is this keyword in java?

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

Part - B

(5 x 10 = 50)

2 a) What are the differences between this and super keyword?

b) What is super in java?

OR

3 a) Why is multiple inheritance not supported in java?

b) Can you use this() and super() both in a constructor?

4 a) Why is method overloading not possible by changing the return type in java?

b) Can we overload the methods by making them static?

OR

5 a) What is method overriding

b) Can we override the private methods?

6 a) What is the difference between the final method and abstract method?

b) What is the final method?

OR

7 a) Can we change the scope of the overridden method in the subclass?

b) What is the final class?

8 a) What is Runtime Polymorphism?

b) What is the abstract class?

OR

9 a) What is the interface?

b) What is the abstraction?

10 a) How to create packages in Java?

b) How to make a write-only class in Java?

OR

11 a) What is Exception Handling?

b) What are the advantages of Encapsulation in Java?
