

2011000305020084
EXAMINATION FEBRUARY -MARCH 2024
BACHELOR OF SCIENCE (FIFTH SEMESTER)
COMPUTER SCIENCE-IX
(PAPER-504-JAVA PROGRAMMING-I) LEVEL 2

[Time: As Per Schedule]

[Max. Marks: 50]

Instructions:

- 1. Fill up strictly the following details on your answer book**
 - a. Name of the Examination: **BACHELOR OF SCIENCE (FIFTH SEMESTER)**
 - b. Name of the Subject: **COMPUTER SCIENCE-IX (PAPER-504-JAVA PROGRAMMING-I) LEVEL 2**
 - c. Subject Code No: **2011000305020084**
2. Sketch neat and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.

Seat No:

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Student's Signature

Q.1 Answer the questions in short. (Any Seven)

14

1. What is JVM and Byte code?
2. Write list of various operators use in java.
3. What do you mean by Constant? How Constant declare in java.
4. Differentiate String V/S String Buffer.
5. What is Exception? Draw chart for Exception class of Java.
6. How static keyword use in different way in java?
7. What is use of Abstract class? How it is declare?
8. Write structure of Structure Exception Handling.
9. How type casting take place in java. Give Example of it.
10. What is difference between equals () and compare () method.

Q.2 Write answers for the followings.

12

1. Compare and contrast java with C++ in detail.
2. Explain control statements in java.

OR

1. Write detail note on features of java.
2. Write detail note on Java operators.

Q.3 Write answers for the followings.

12

1. Describe use of Super and this keyword giving example.
2. Explain Constructor overloading in java.

OR

1. List methods of String class. Explain any three methods from String class.
2. What is interface? Explain with example. How to achieve multiple inheritances in java?

Q.4 Write answers for the followings.

12

1. Differentiate between final, finalize and finally.
2. Explain Exception handling in java with example.

OR

1. Explain Checked and Unchecked Exceptions in details.
2. What is package? How can we create sub package and import into another class?
