



RAN-2011000305020084

B.Sc. (Sem. - V) Examination October - 2025

Computer Science - IX : 504 - Java Programming -1 (old)

Time: 2 Hours]

[Total Marks: 50

સૂચના : / Instructions

(1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.

Fill up strictly the above details on your answer book.

Seat No.:

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Student's Signature

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

(14)

1. What is significance of public static and void keywords in main function().
2. What are the three uses for the keyword super?
3. What do you mean by platform Independent?
4. What is difference between string and string buffer class?
5. How constructor and destructor used in Java?
6. What is significance of interface?
7. What is the use of Abstract Class? How it is declared?
8. Define static member and static class.
9. What is importance of this keyword in java?
10. What is function overriding?

Q. 2. Write Answer for the following.

(12)

1. Write detail note on data types and java operators.
2. Write detail note on java characteristics.

OR

1. Write a detail note on java string class.
2. Write detail note on various uses of final Keyword giving suitable example.

Q. 3. Write Answer for the following.

(12)

1. Explain any three methods of string buffer class with syntax and example.
2. Explain multilevel inheritance with example.

OR

1. What is use of interface? How it is define and implement explain giving example.
2. Why package is used? List its advantages and disadvantages. How package is creating and used explain giving suitable example.

Q. 4. Write Answer for the following.

(12)

1. Explain following term in short. A. Error and Exception B. Checked and unchecked exception
2. Explain difference between Throw and Throws giving example.

OR

1. Explain exception handling in java using suitable example.
2. Explain any three methods of string class with syntax and example.