

LNCT UNIVERSITY, BHOPAL

Enrollment No. _____

CS-304 (A)

B.TECH III SEMESTER

EXAMINATION [DECEMBER-2024]

INTRODUCTION TO JAVA PROGRAMMING

Maximum Marks: 70

Time Allowed: 3Hours

Note:- Attempt all questions. Internal choice is given.

(SECTION -A)

1. Short Answer Type Question (Attempt Any Five) [5x6=30]

- i. What are features of Java?
- ii. What are abstract classes explain with example ?
- iii. Does java supports multiple inheritance? If yes then how?
- iv. Difference between input stream class and output stream class?
- v. Explain different way of using thread?
- vi. Define JDBC-ODBC Bridge in java.
- vii. What is Stream and Stringtokenizer?

(SECTION -B)

2. Long Answer Type Questions (Attempt Any Four) [4x10=40]

- i. What do you understand by multithreading in java?.
 - ii. What is interface in java and What is Extending interface in java?
 - iii. Write a program for reading data from a file using Character Stream classes?
 - iv. What is the difference between method overloading and overriding?
 - v. What is Constructor in java? Why constructor does not have return type in java? Explain it with proper example
 - vi. Explain Architecture of JDBC?
 - vii. What is daemon thread and which method is used to create the daemon thread?
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