

[Total No. of Questions: 3]

[Total No. of Printed pages: 1]

Enroll No.....

Class Roll No.....

**LNCT UNIVERSITY, BHOPAL**

**II- Mid Semester Exam December 2024**

**Branch: CSE Semester: III**

**CS-304 Elective Java**

**Time 1:30 Hrs**

**Max. Marks 20**

**Note: All questions are compulsory and have internal choice.**

**Ques.1:** a) What is Thread Synchronization in java ? How do we achieve it.

**(CO3 4Marks)**

b) Explain the life cycle of Thread with diagram.(CO3 3Marks)

**OR**

a) What is Exception handling?Also Explain Exception handling keywords **(CO3 4 Marks)**

b) Difference between Checked and Unchecked Exception.

**CO3 3 Marks)**

**Ques.2** Explain Collection Framework in Detail?

**(CO4 7 Marks)**

**OR**

Difference between-

1 Iterator,ListIterator and Enumeration

2 Comparable and Comparator Interface

3 ArrayList and LinkedList **(CO4 7 Marks)**

**OR**

**Ques. 3** Explain Input Output Stream With Example. **(CO5 6 Marks)**

**OR**

What is JDBC ?Also explain JDBC Architecture. **(CO5 6 Marks)**

