



**Department of Computer Science & Engineering**  
**Chitkara University Institute of Engineering & Technology**  
(Accredited by NAAC with Grade 'A+')

Ref. No: CUIET/CSE/ACAD/2023/174

Date: 12-05-23

## NOTICE

Test Type: **ST**

Test No: 2

Total Marks: 40

Duration: 90min

Name of Course Coordinator: Dr. Shikha

Course Code.: **CS109**

Course Title: **Core Java**

Day: **Friday**

Date: 19<sup>th</sup> May'23

Mode: **Online**

Programme & Semester: **B.E.(CSE) & 4th Sem**

Platform: **MAPIT**

Syllabus for Test:

**Abstract Methods & Interfaces:** built-in packages and user defined packages, interfaces: declaration, implementation, extending classes and interfaces. **Strings:** Introduction, Immutable String, Methods of String class, StringBuffer class & StringBuilder class, toString method, StringTokenizer class. **Exception Handling:** exception handling fundamentals, exception types, try and catch, multiple catch clauses, nested try, throw, throws and finally, creating custom exception. **Multithreading:** Java thread model, main thread, creating thread by implementing runnable and extending thread class, creating multiple threads, using isAlive() and join(), thread priorities, synchronization.

Format of Assessment:

No. of Questions: **10 MCQs - 1 mark, 5 MCQs - 2 marks, 2 coding question-5 marks, and 1 coding question- 10 marks**

Remarks, if any:

Signature of Course Coordinator: Dr. Shikha.....