

LNCT UNIVERSITY

[Total No. of Questions: 4]

[Total No. of Printed pages: 1]

Enrolment No.....

Class Roll No.....

First Mid Semester Examination, November 2023

(CS-204) Mechanical Engineering

Branch- CSE, I Semester

Time 1:30 Hrs

Max. Marks 20

Note: Attempt All questions. All questions carry equal marks.

Q.1 Explain any five. (5marks)

(a) Toughness (b) Fatigue (c) Strength (d) Hardness
(e) Stress & Strain (f) Malleability

OR

Explain Hook's law & stress strain curve for a ductile material.

Q.2 What are the different types of steel? Explain them. (5marks)

OR

Explain the different types of cast iron.

Q.3 Explain any five operations that could be done on lathe machine. (5marks)

OR

What are the different types of casting process? Explain them.

Q.4 What is Recrystallization Temperature? Explain the differences between hot forming and cold forming process. (5marks)

OR

What is welding? Explain gas welding and arc welding.