IZMIR UNIVERSITY OF ECONOMICS
Faculty of Engineering
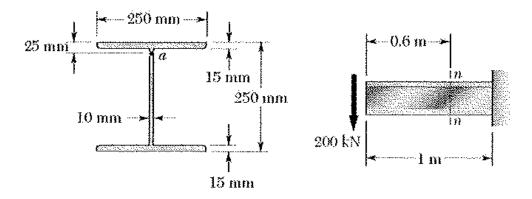
Term	: 23-24 Fall
Course	: ME 208-2 – Mechanics of Materials
Exam	: Quiz 2
Date	: 12.12.2023
Duration	: 45 min.

Full Name : ....

Student ID : ....

Classroom : ....: **Section** : ....

Signature of Student:

Question	1	2
Score		
Total		

QUESTIONS

1) For the beam and loading shown, consider section n-n and determine the shearing stress at point a.

2) Knowing that beam AB is a W130 x 23.8 rolled shaped and that P = 50 kN, L= 1.25 m., nd E=200 GPa, determine a) slope at A, b) the deflection at C. ($I_x = 8.80 \times 10^6$ mm^4)