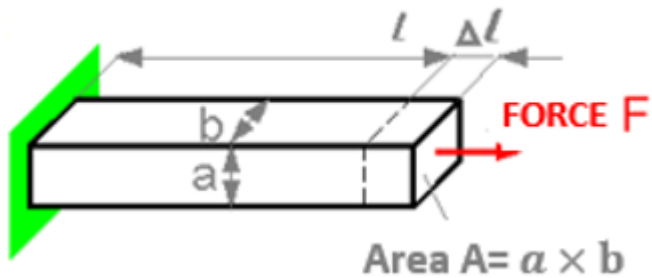


Material resistance
I სემესტრი. 2019-2020 წელი
Middleterm test
Sample

Question 1

The deformation Δl is proportional

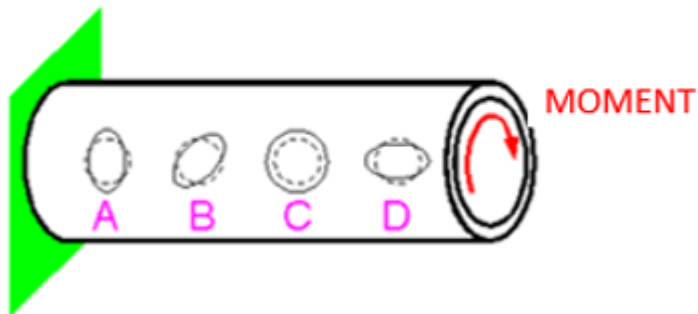


Select one:

- a. Height a
- b. Width b
- c. Length l

Question 2

The dashed line shows the circles before applying the load to the pipe.
How do the shapes of the circles change after applying the torque?

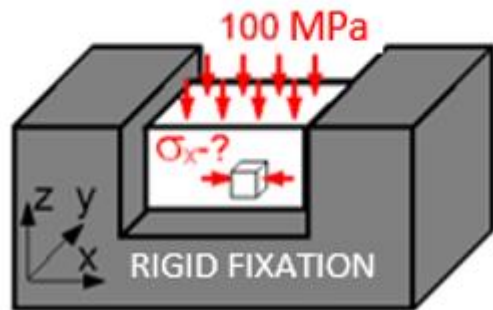


Select one:

- a. C
- b. D
- c. B
- d. A

Question 3

For the block material, the Poisson coefficient is 0.3.
What is the stress σ_x equal?

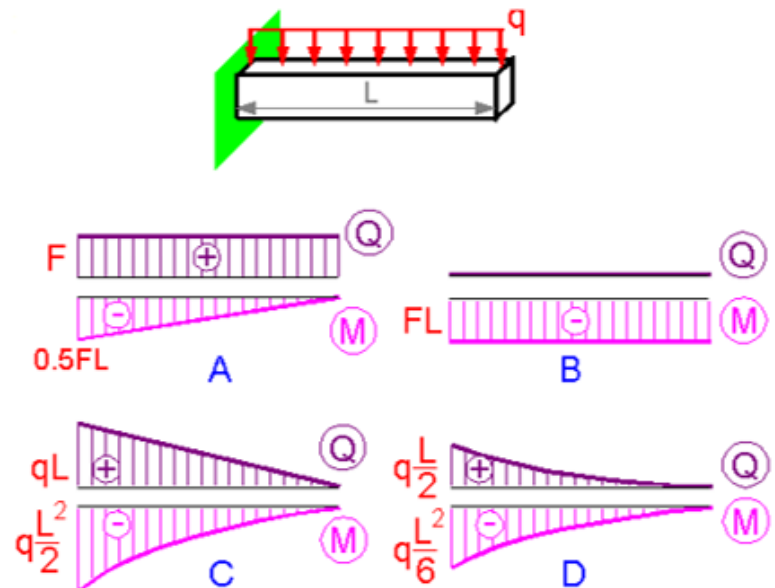


Select one:

- a. -30Mpa
- b. 30 Mpa
- c. 0 MPa
- d. 100 MPa

Question 4

Which epures of the transverse force $Q(z)$ and the bending moment $M(z)$ correspond to the given scheme?



Select one:

- a. C
- b. A
- c. D
- d. B