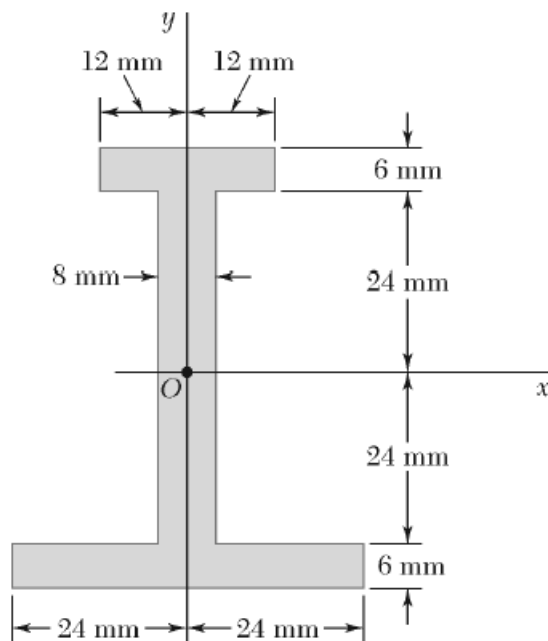Additional Problems- Set XI

Due Date: 12.01.2021

Q1) (50 pts)

Determine the moment of inertia and the radius of gyration of the shaded area with respect to the x axis.

Q2) (50 pts)

Determine the moments of inertia I_x and I_y of the area shown with respect to centroidal axes respectively parallel and perpendicular to side AB.