



Faculty of Engineering  
Civil Eng. Department

# Theory of Structures (1- a)

First year . 1st term  
Year Work exam (Nov. 2018)



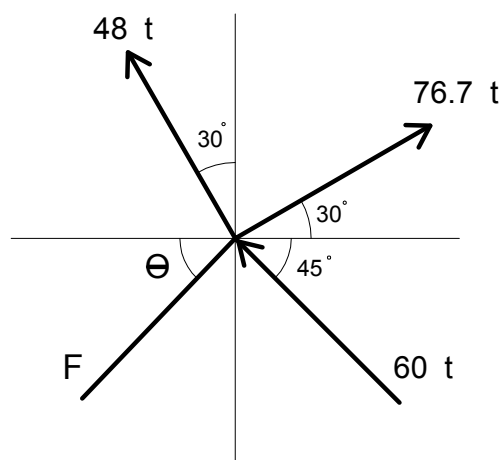
Sohag University  
Time : 1.5 Hrs

NAME :

SEC. NO. :

## Question (1) ;

Determine graphically and analytically the value of force (F) and angle ( $\Theta$ ) which hold the forces system in equilibrium ...



Use scale 12 t --- 1 cm