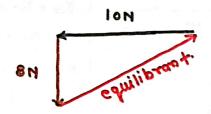
## <u>DIPLOMA STUDENTS IN TECHNICAL STUDIO BY BHANU PRATAP SINGH</u>

Equilibrant force and its determination: +> Equilibrant force is the only force, which Joins the system of forces acting on a body to keeps the body in static equilibrium.

A This force is collinear equal and opposite to the resultant of system Of forces.



+ trom pythagorean theorem-Resultant of these 2-forces = 12.0N which is also the magnitude of equilibrant forces/force can be found by trigonomutry. Angle

