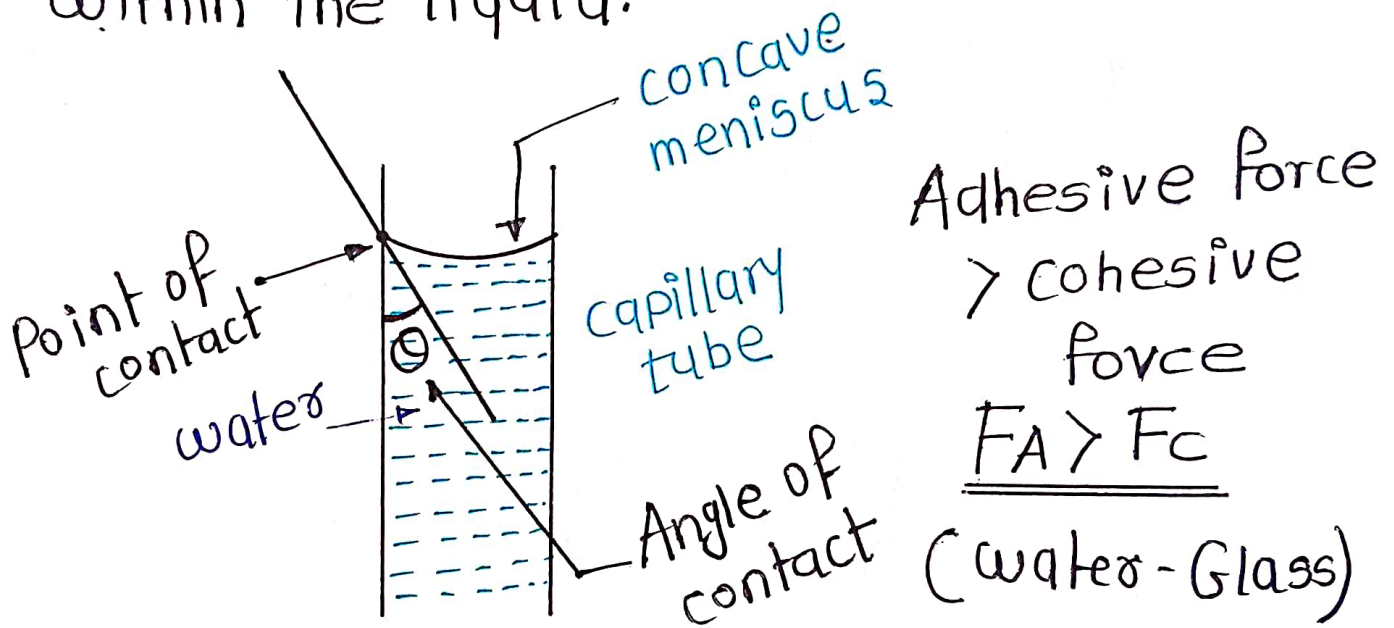
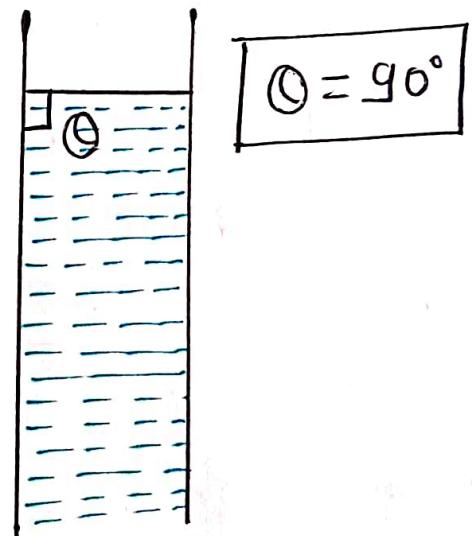
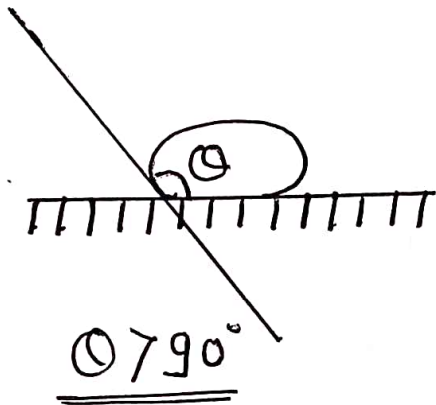
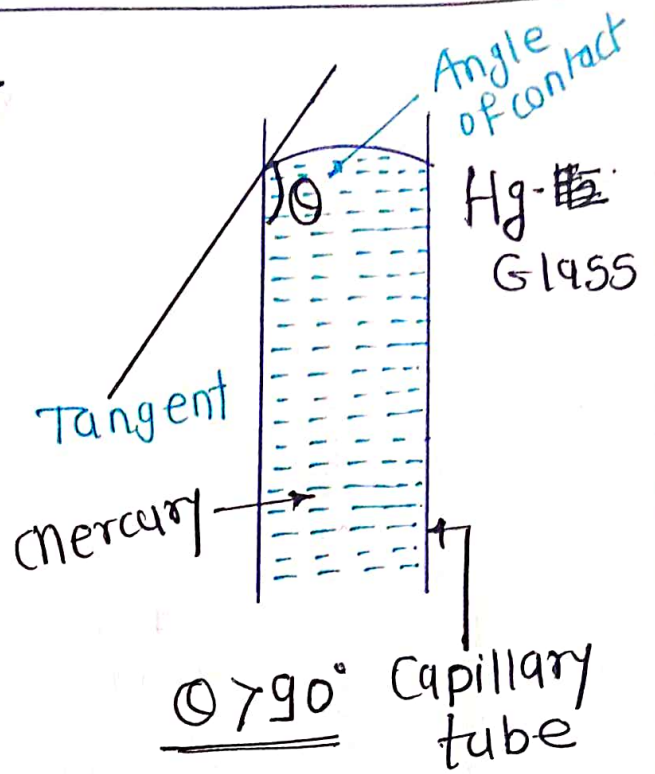
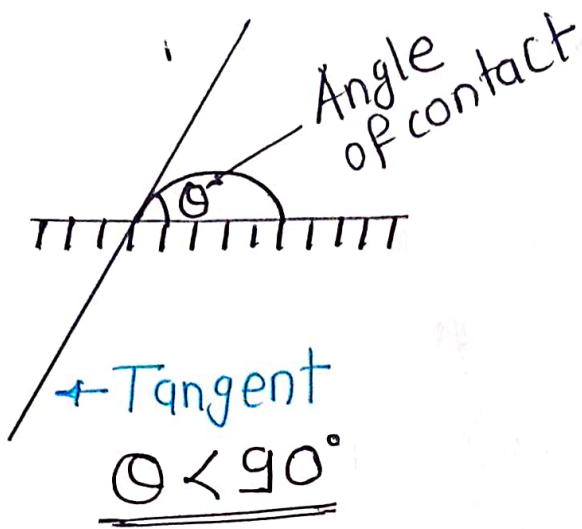


Angle of contact :-

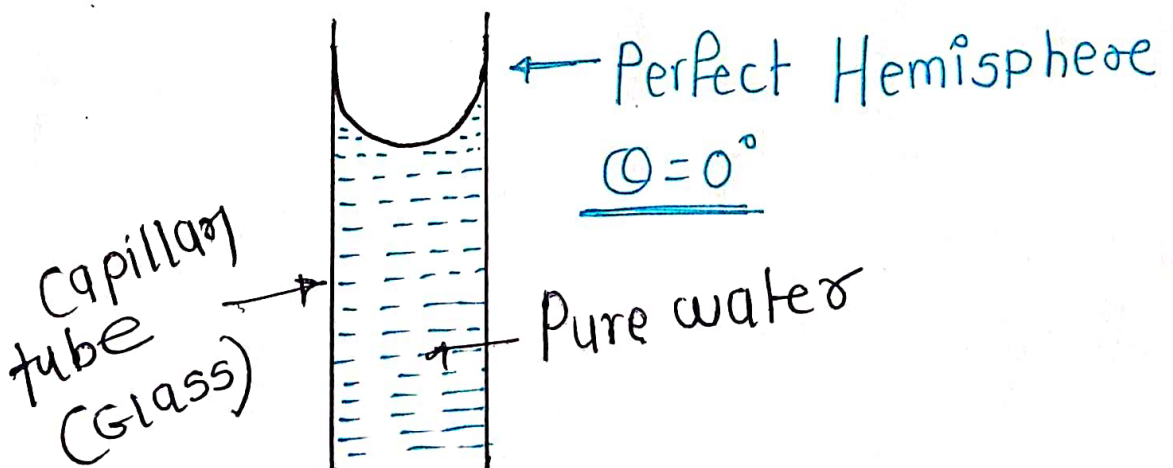
The angle of contact (θ) between a liquid & a solid surface is defined as the angle between the tangents drawn to the free surface of the liquids & surface of the solid at the point of contact, measured within the liquid.





Pure water-Glass

$\theta = 0^\circ$



Angle of contact [Pair of liquid - solid in contact]

Sr. NO.	Liquid-solid in contact	Angle of contact θ
1.	Pure water & clean glass	0°
2.	Chloroform with clean glass	0°
3.	Organic liquid with clean glass	0°
4.	Ether with clean glass	16°
5.	Kerosene with clean glass	26°
6.	water with paraffin	107°
7.	Mercury with clean glass	140°