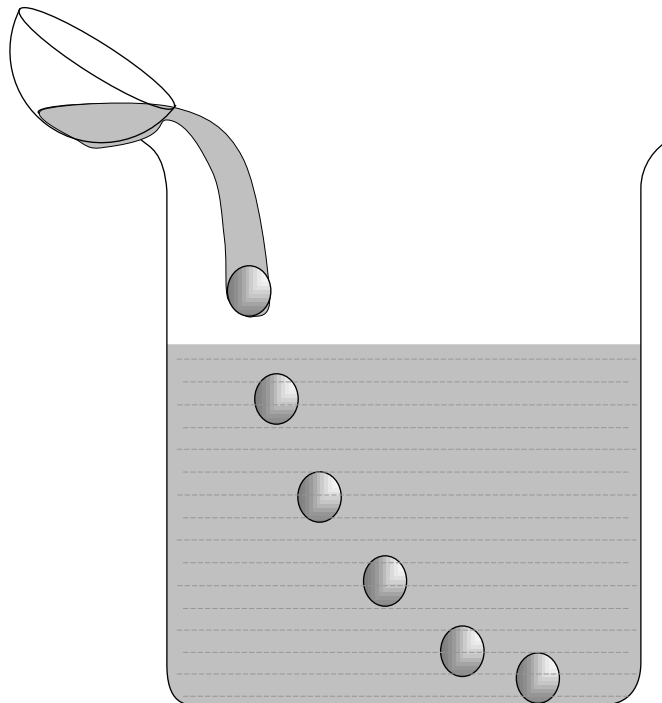
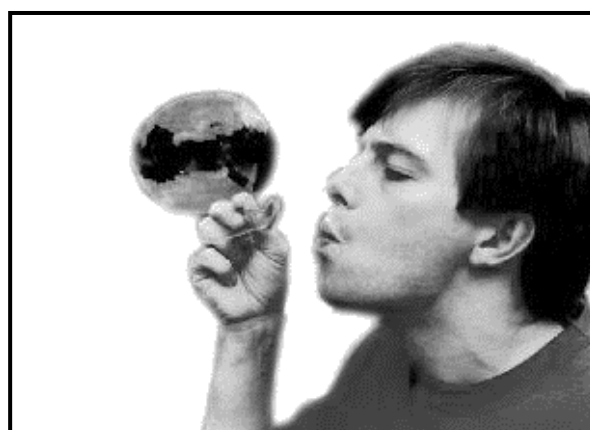


# CHAPTER 10

## Surface Tension



CONTENTS	
10.1	Intermolecular force
10.2	Surface tension
10.3	Force due to surface tension
10.4	Examples of surface tension
10.5	Factors Affecting surface tension
10.6	Applications of surface tension
10.7	Molecular theory of surface tension
10.8	Surface energy
10.9	Work done in blowing a liquid drop or soap bubble
10.10	Splitting of bigger drop
10.11	Formation of bigger drop
10.12	Excess pressure
10.13	Shape of liquid meniscus
10.14	Angle of contact
10.15	Capillarity
10.16	Ascent formula
10.17	Shape of drops
10.18	Useful facts and formulae
<b>Sample Problems</b>	
<b>Practice Problems</b>	
<b>Answer Sheet of Practice Problems</b>	



*Due to surface tension of soap solution work is to be done by the man in formation of the soap bubble and this work will be store in the form of the surface energy of soap bubble.*