I. Choose the correct answer and fill in the blanks:  

6 X ½ = 3

1) Aves have body covered with _____________.
   a. fur  b. scales  c. shell  d. feather

2) ____________ is a non flowering plant.
   a. palm  b. pine  c. potato  d. pear

3) Heavy vehicles have extra wheels to _____________.
   a. increase pressure  b. decrease pressure
   c. decrease friction  d. increase friction

4) The SI unit of measuring force is _____________.
   a. kgf  b. gf  c. dyne  d. newton

5) Force applied on a body can change the ____________ of motion of the body.
   a. area  b. direction  c. stationary  d. wastage

6) A mixture can be separated by _____________.
   a. only physical methods  b. only chemical method
   c. both physical and chemical methods  d. only machines.

II. Name the following:  

6 X ½ = 3

1) Animals without backbone
2) The force which help us to light a matchstick
3) The modern technique of separating and identification of material
4) The force deals with “charges”
5) The group of animals which maintain constant body temperature
6) Example for gas-liquid mixture
III. Give reason for the following:  
1) Camels have large, broad feet.  
2) Tortoise is a reptile.  
3) Iodine is a sublimate.  

IV. Answer the following questions briefly:  
1) Into how many kingdoms are multicellular organisms classified? Name them.  
2) Give any two differences between birds and mammals.  
3) What is thrust? How is it measured?  
4) Write any two methods used to reduce friction.  

V. Draw a diagram and explain:  
The process of filtration OR Sublimation