



Diagram to show Vacuole

- Lysosomes: — It is called suicidal Bag of cell;
- They are tiny membrane bound vesicles containing powerful digestive enzymes for Intracellular digestion.
 - They are absent in R.B.Cs
 - They are synthesized by golgi bodies and enzyme present in it are synthesized by R.E.R.

- Functions: (a) Their main function is Phagy-digestion.
- (b) They are kind of waste disposal system.
- (c) They help in digesting foreign materials and cells.

Suicidal Bag: — During disturbances in cellular metabolism (in case of cell damage), lysosomes burst and their enzymes are released into cytoplasm and they digest their own cell so called suicidal Bags.

Assignment to do

- Q No 1: — which cell organelle is called 'Head quarter' of cell?
- Q No 2: — Name various types of plastids present in plant cell.
- Q No 3: — Draw a neat and labelled diagram of mitochondrion.
- Q No 4: — write a short note on Nucleus.
- Q No 5: — what is difference between osmosis and diffusion?
- Q No 6: — what is function of SER
- Q No 6: — what are functions of vacuole?
- Q No 7: — cell wall in plant cell is made up of
- Q No 8: — why are lysosomes called suicidal bags of cell.