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Isotonic Solution-

When concentration of the solute on the both sides of cell membrane are same. the solution is called Isotonic solution.

Hypotonic solution:-

When concentration of the solute in solution is lower than Intracellular fluid i.e cytoplasm and cell sap. The solution is called hypotonic solution.

Hypertonic solution:-

When concentration of the solute in solution is higher than Intracellular fluid, the solution is called hypertonic.

Cell wall:-

The protecting layer present outside the plasma membrane is known as cell wall. Cell wall made up of cellulose. It's main function is to protection, mechanical support and maintenance of Intracellular osmotic pressure.

Cytoplasm:-

The jelly like material present between nucleus and plasma membrane known as cytoplasm.

Gene:-

It is called the hereditary unit or functional unit of heredity.

Chromosome:-

The thread like structure present in nucleus known as chromosome.