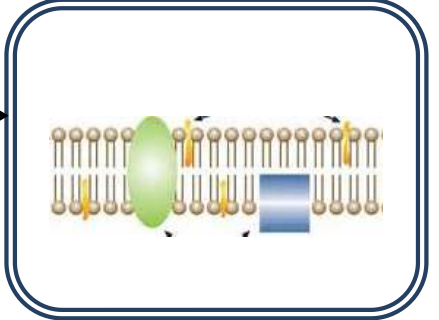


1.2 Transport Across Cell Membranes

[Empty box for description of active transport]

[Empty box for function of cell membrane]

Label this diagram to show the two chemical components of a cell membrane.



What is the function of the cell membrane?

Give a full description of the process of active transport, including an example of substances that move by active transport.

Give a definition of diffusion.

[Empty box for definition of diffusion]

Name 4 substances that move by diffusion.

[Empty box for substances that move by diffusion]

Give the meanings of the following terms.

Osmosis

[Empty box for meaning of Osmosis]

Plasmolysed

[Empty box for meaning of Plasmolysed]

Turgid

[Empty box for meaning of Turgid]

Concentration gradient

[Empty box for meaning of Concentration gradient]

Describe what would happen to a leaf cell when placed in a strong salt solution.

[Empty box for description of leaf cell in salt solution]

Describe what would happen to a red blood cell when placed in pure water

[Empty box for description of red blood cell in pure water]

Explain why glucose sugar can move across the cell membrane, but not starch.

[Empty box for explanation of glucose and starch transport]