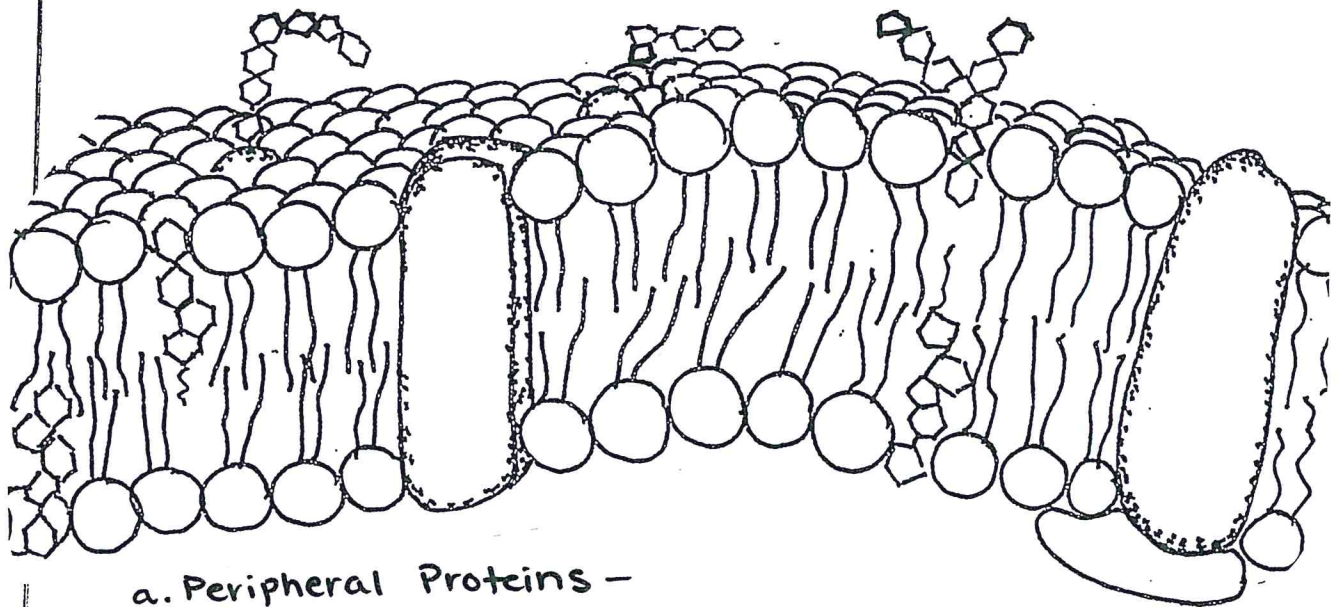


Notes: The Cell Membrane

I. Cell Membrane: Maintains



a. Peripheral Proteins -

b. carbohydrates

- i.
- ii.

c. channel proteins

i.

1.

d. Cholesterol

- i.
- ii.

e. Phospholipids Bilayer

i.

1.

2.

ii.

II. Passive Transport

a. requires energy

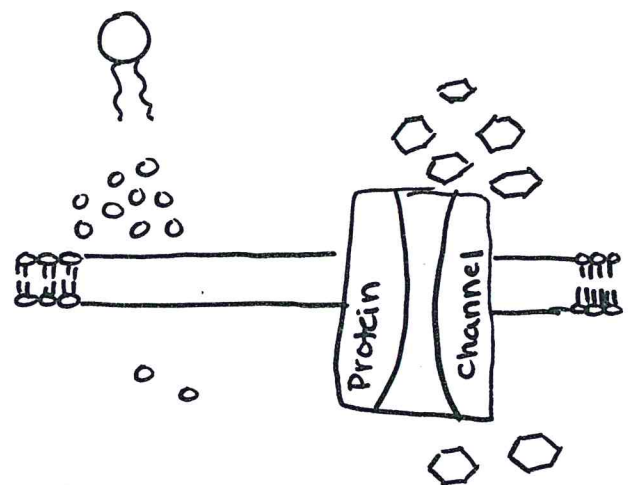
b. simple diffusion

i. O_2

c. facilitated diffusion

i. H_2O

1.

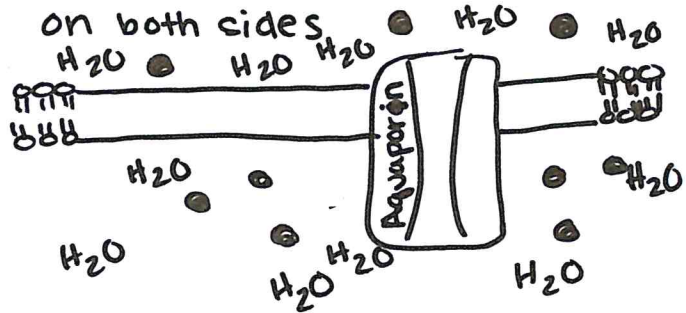


ii. Osmosis

- 1. via
- 2.

A. H₂O will move from concentrated Solution to a concentrated Solution.

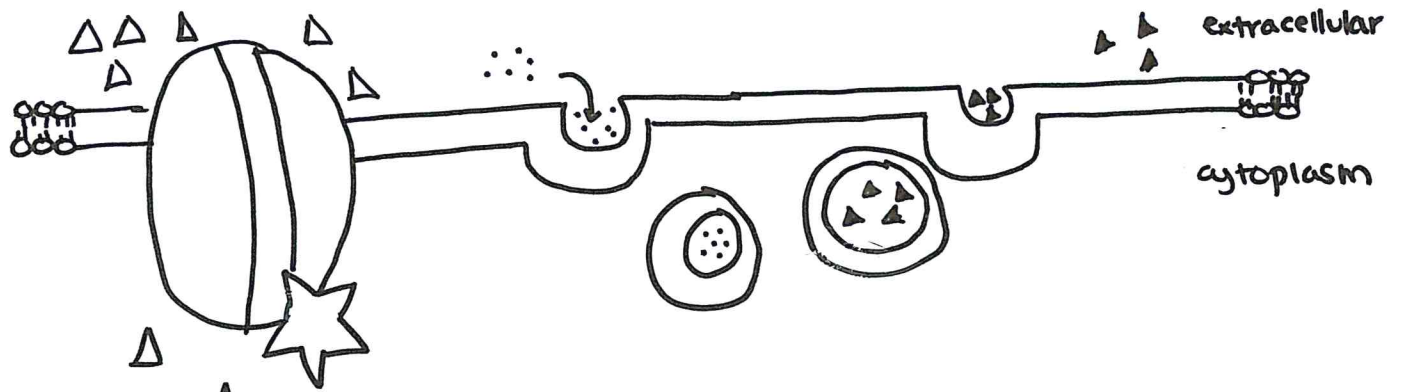
B. This the CONCENTRATION



c. Toxicity:

III. Active Transport

- i. requires in the form of
- ii. concentration to concentration



iii. Facilitated
1. Δ =

iv. Endocytosis

1. • =

v. Exocytosis

1. ▲ =