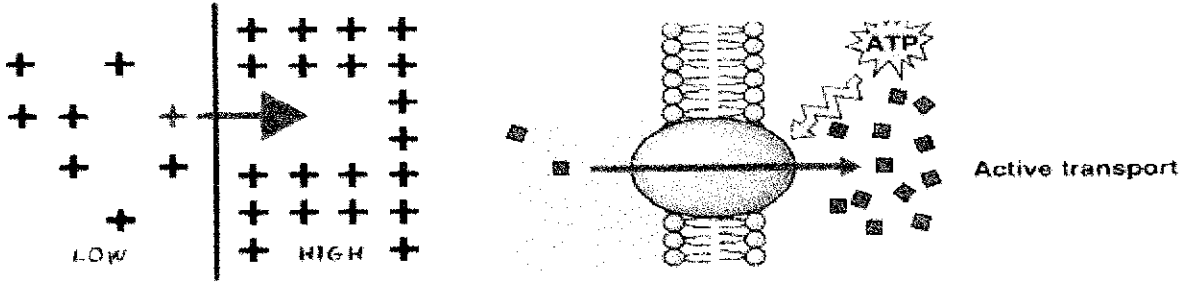


## B. Active Transport (Requires Energy)

a. Carrier proteins move molecules  
gradient from

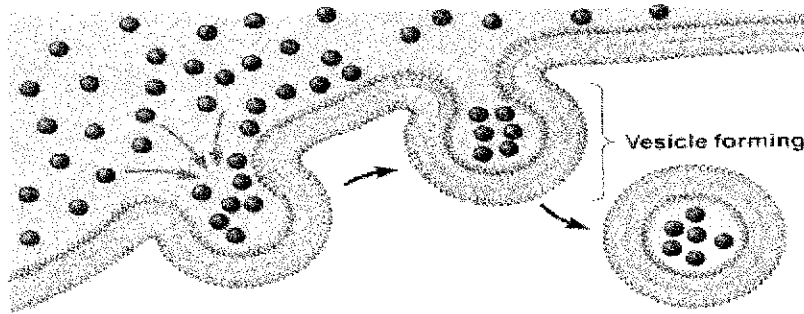
concentration



b. **Movement in Vesicles** - Some molecules are  
through carrier proteins.

1. **Endocytosis** - cell membrane and creates a  
enclosing macromolecules and large particles

Ex: food and bacteria



2. **Exocytosis** - membrane vesicle  
and

material

cell

Ex: proteins, waste, and toxins

