

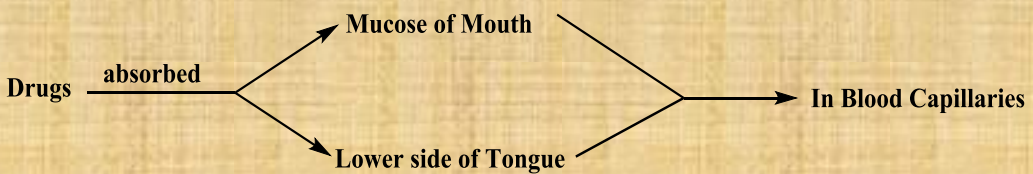
Chapter 16

DIGESTIVE SYSTEM

ABSORPTION:

Most of the absorption takes place in small Intestine.

Mouth:



Simple Sugars → Lower side of tongue → in blood capillaries

Stomach:

- Some water, some drug – Aspirin, Alcohol simple sugars.

Small Intestine:

- 90% Nutrients process diffusion
- Monosaccharide's
- Amino acids Absorbed
- Fatty acids and Glycerol water insoluble
- Fatty acids form Micelles [Small spherical form Lipid Molecules arrange together.]
- Micelles contact Intestinal epithelium
- Lipid diffuse in to cytoplasm- Chylomicrons / Triglycerides
- Moved to Lacteals from to Lymphatic vessels.
- Finally enter Blood stream.

Large Intestine:

- Water, Vit B12 complex, Vit -C some minerals and Drugs.