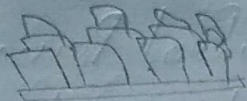


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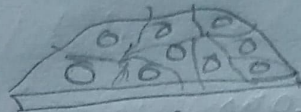
## TISSUES

1. Draw the diagram of different types of epithelial tissue and write their functions.

Ans -



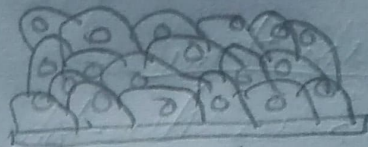
Simple Cuboidal



Simple Squamous



Simple Columnar



Stratified Squamous

Simple Cuboidal - Secretion and Absorption.

Simple Squamous - Diffusion of gases and small molecules.

Simple Columnar - Secretion, Excretion, Absorption.

Stratified Squamous - Secretion and Protection.

2. Differentiate between three types of muscular tissue structurally?

Ans - i. Skeletal Muscle - Multi-nucleate fibers, which run through the muscle. Fibers are unbranched, wide and long. They have striations.

ii. Cardiac Muscle - Mono-nucleate fibers. Fibers are branched longer than their width. They have striations.

iii. Smooth Muscle - Mononucleate fibers. Fibers are short and wide. They are unstriated.

3 Draw the diagram of Nervous Tissue and label it.

Why it is longer than other tissues?

Ans Nervous Tissue has to reach every part of the body directly to send informations. That's why, Nervous Tissue is longer than other tissues.

