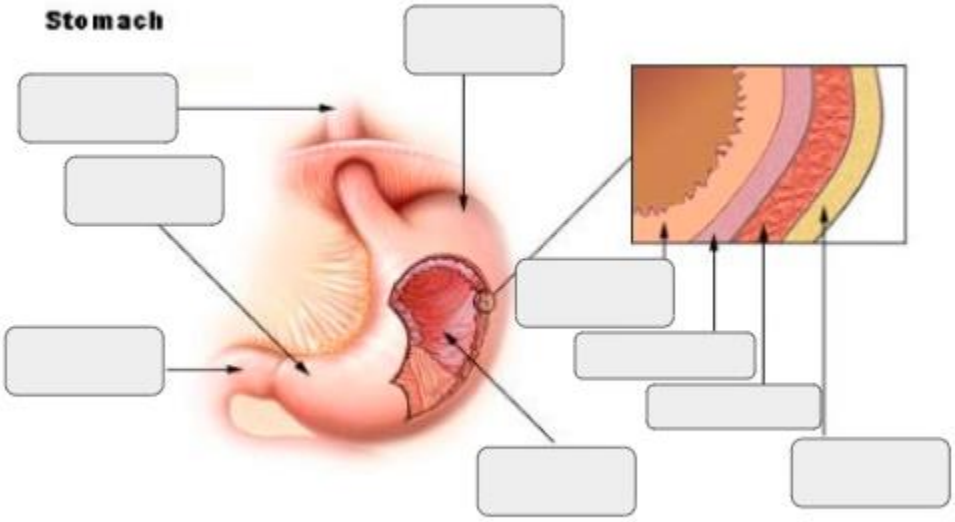
Biology 201:The Tissue Level of Organization

1) Study the diagram below and label.

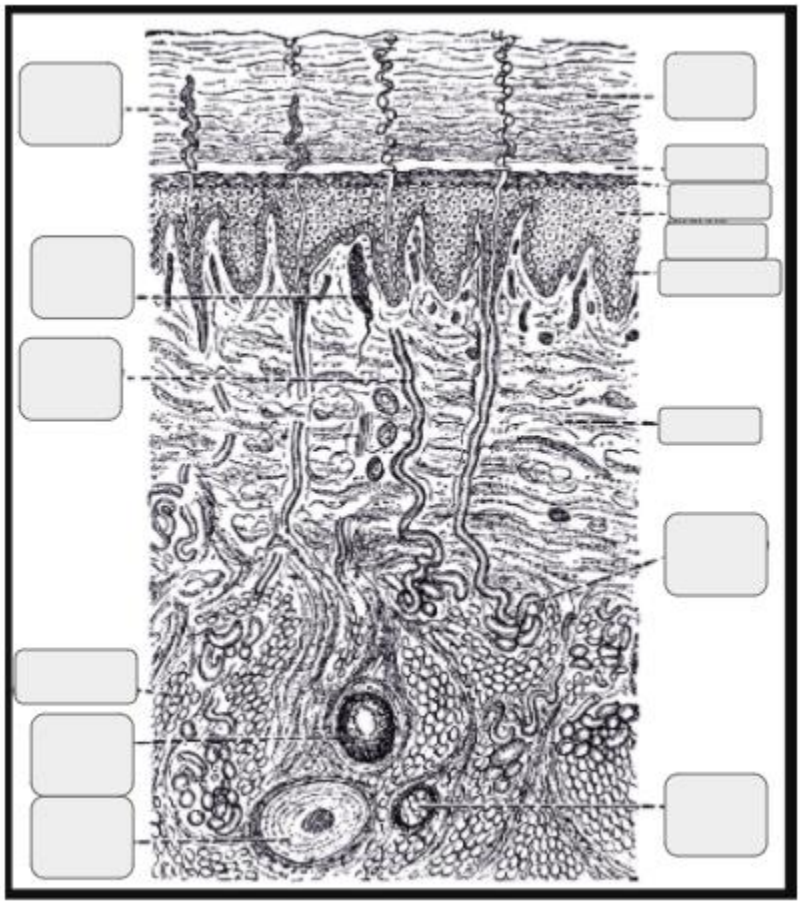
Mucosa	Esophagus	Rugae
Pylorus	Submucosa	Fundus
Serosa	Duodenum	Muscle layers



Source Lesson: Major Tissue Types: Structures, Functions & Embryonic Origins

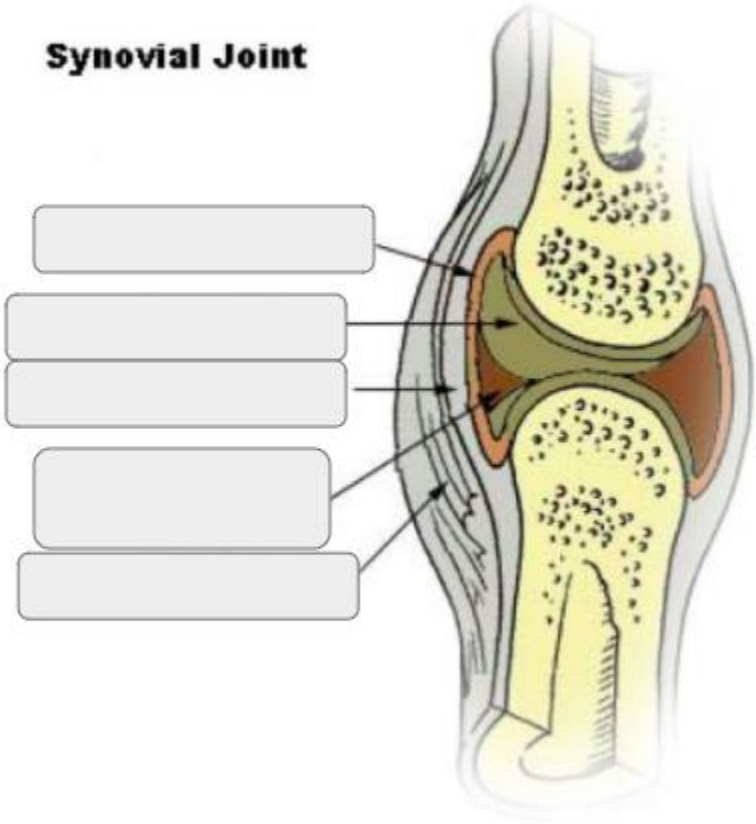
2) Label the membranes and structures of the skin. Some terms may be used more than once.

Nerve
Stratum granulosum
Sudoriferous gland
Tactile corpuscle
Pacinian corpuscle
Stratum germinativum
Artery
Stratum mucosum
Dermis
Stratum corneum
Duct of sudoriferous gland
Adipose tissue
Stratum lucidum



Source Lesson: Major Tissue Types: Structures, Functions & Embryonic Origins

3) Label the structures of the synovial joint below.

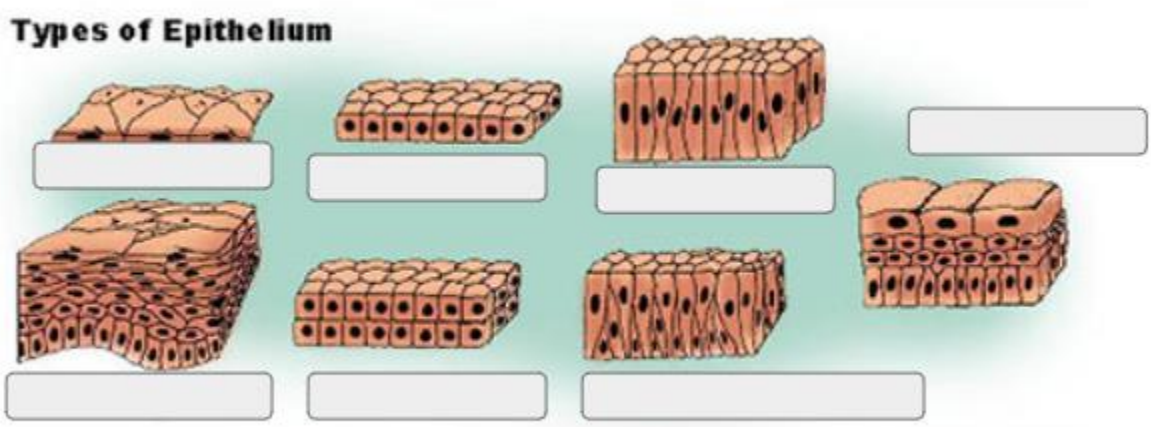


Ligaments
Articular cartilage
Fibrous joint capsule
Synovial membrane
Joint cavity filled with synovial fluid

Source Lesson: Major Tissue Types: Structures, Functions & Embryonic Origins

4) Label the types of epithelium below.

Stratified cuboidal
Simple cuboidal
Simple columnar
Stratified squamous
Simple squamous
Stratified cuboidal
Transitional

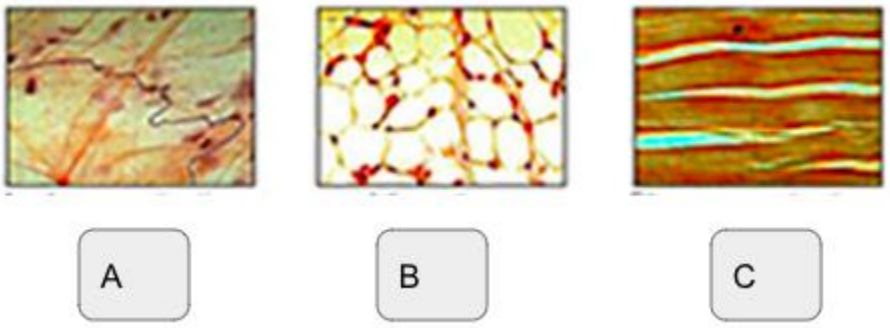


Source Lesson: Epithelial Tissue: Types, Functions & Junctions

5) Match the image with the correct type of tissue.

A: _____
B: _____
C: _____

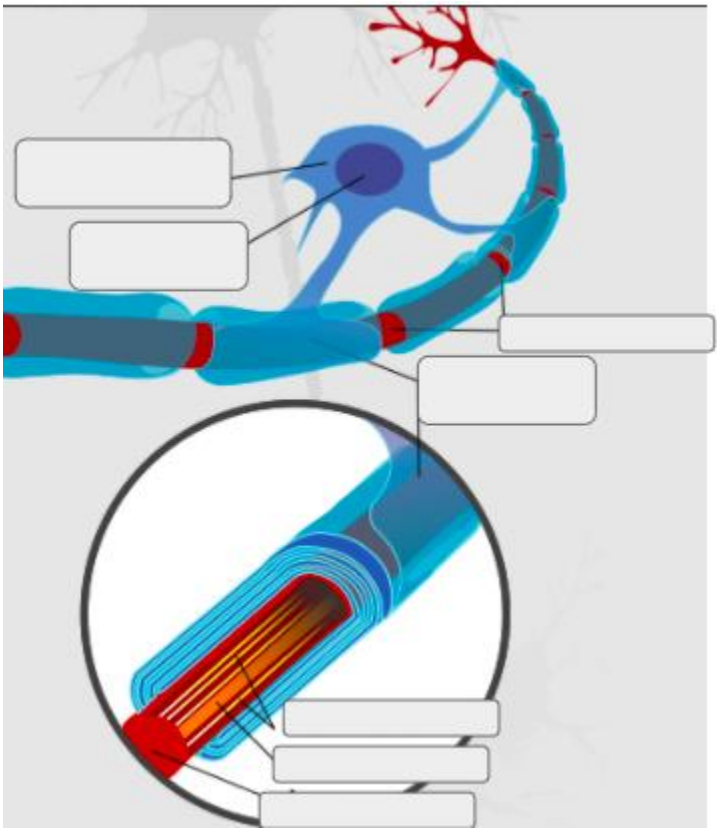
Fibrous connective tissue
Loose connective tissue
White adipose tissue



Source Lesson: Connective Tissues: Types & Functions

6) Label the image below.

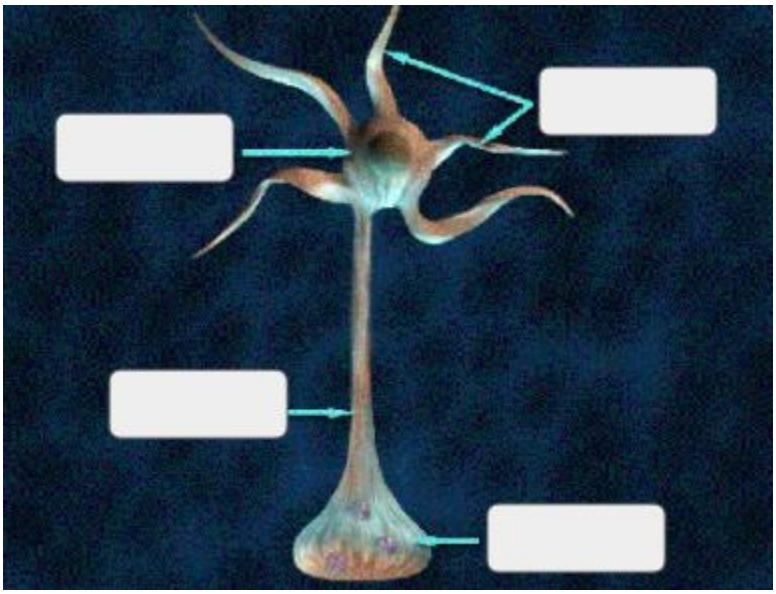
Axon
Oligodendrocyte
Node of Ranvier
Nucleus
Myelin sheath
Microtubule
Microfilament



Source Lesson: Nervous Tissue: Cell Types & Stimuli Response

7) Label the diagram below.

Dendrites
Axon
Terminal
Cell body



Source Lesson: Nervous Tissue: Cell Types & Stimuli Response