

TISSUES

List the four major types of tissues:

- 1.
- 2,
- 3,
- 4.

Epithelial Tissues

Characteristics

Functions

Locations

Classification

1)

A)

B)

2)

A)

1.

2.

3.

How is epithelial tissue named?

Types of Epithelial Tissue

Simple squamous

Characteristics

Location

Functions

Simple cuboidal

Characteristics

Location

Functions

Simple Columnar

Characteristics

Location

Functions

Pseudostratified

Characteristics

Location

Functions

Stratified squamous

Characteristics

Location

Functions

Stratified cuboidal/columnar

Characteristics

Location

Functions

Transitional

Characteristics

Location

Functions

Glandular

Characteristics

Location

Functions

Endocrine glands

Exocrine glands

Unicellular glands

Multicellular glands

Merocrine –

Holocrine –

Apocrine –

CONNECTIVE TISSUE

Location

Functions

Characteristics

Three structural elements of connective tissues:

1.

2.

3.

What is extracellular matrix?

Ground substance

Fibers

Cells

1.

2.

3.

4.

Types of connective tissues

Embryonic/mesenchyme

Loose connective tissue

Areolar –

Adipose –

Reticular –

Dense connective tissue

Dense regular –

Ex.

Dense irregular –

Ex.

Elastic –

Cartilage

Hyaline –

Fibro cartilage –

Elastic –

Bone

Blood

MUSCLE TISSUE

1.

2.

3.

NERVOUS TISSUE

1.

2.

INTEGUMENTARY SYSTEM

Tissue review:

1.

2.

3.

4.

SKIN/INTEGUMENTARY SYSTEM

1.

2.

3.

A)

B)

C)

D)

Layers

Epidermis

Characteristics

Cells

Layers

1.

2.

3.

4.

Dermis

Characteristics

Layers

1.

2.

Finger/toe/palm/foot prints –

Hypodermis

Characteristics

Pigments

1.

2.

4.

Appendages

1.

A)

B)

2.

3.

Function –

Color –

Texture –

Types –

4.

Characteristics