

This Thursday

Epithelial Characteristics (T or F)

1. Epithelial Tissue is generally thick.
2. The linings of internal spaces are covered in epithelial tissue.
3. Epithelial tissue regenerates slowly.
4. Epithelial tissue is highly vascularized.
5. Epithelial tissue structure is a tradeoff between the strength of the tissue and how easily things can pass through it.

Multiple Choice - Connective and muscular characteristics.

16. Connective tissue generally contains very few:
a. cells b. blood vessels c. protein fibers
17. Connective tissue regenerates:
a. quickly b. slowly c. not at all d. none of these
18. Muscle is :
a. highly vascularized b. good for storage c. quick at repairing
d. contractile
19. Connective tissue is classified by:
a. cell type b. cell arrangement c. Cell thickness d. none of these
20. Connective tissue is generally:
a. Made of mostly non-living material b. Vascularized
c. Found in many different locations d. all of these

Epithelial Tissue - Structure

6. Simple Squamous tissue has cells which
A. Have cilia. B. Are not layered
C. Can be stretched D. Are contractile
7. Simple cuboidal tissue is made of:
a. a single layer of square cells b. a single layer elongated cells
c. a single layer of flattened cells d. several layers of flattened cells
8. Stratified Squamous tissue often contains:
a. Collagen b. Keratin c. Elastin

9. The cells that appear to be layered, but are not, also contain:
 a. Collagen b. flagella c. cilia d. goblet cells
10. The tissue that is a single layer of elongated cells is:
 a. simp. Columnar b. stratified columnar c. striated columnar
11. Stratified transitional has cells that are:
 a. flat b. rectangular c. round d. no definite shape.

Epithelial Location

Matching - Each answer in column B can be used once or not at all.

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|----------------------------------------|----------------------------|
| 12. Stratified Squamous | a. Wall of hollow organs |
| 13. Stratified Transitional | b. Skin |
| 14. Simple Columnar | c. Glands |
| 15. Simple Cuboidal | d. Urinary Bladder |
| 16. Pseudostratified Ciliated Columnar | e. Lining of blood vessels |
| 17. Simple Squamous | f. Tendons/ Ligaments |
| | g. Lung - Air Passages |
| | h. Intestinal lining |

Epithelial Functions

18. Which of the following tissues is responsible primarily for absorption and secretion?
 A. Simple Squamous b. Simple Cuboidal c. Simple Columnar
 d. Stratified Transitional
19. Which of the following tissues is responsible for protection?
 A. Simple Squamous b. Stratified Squamous c. Simple Cuboidal
 d. Simple Columnar
20. Which of the following tissues is responsible for providing a non-permeable barrier?
 A. Simple Cuboidal b. Pseudostratified Ciliated Columnar
 c. Simple Squamous d. Stratified Transitional
21. Which of the following tissues is responsible for Secretion and Filtration?
 A. Simple Columnar b. Simple Cuboidal c. Simple Squamous
 d. Stratified Cuboidal
22. Which of the following tissues is responsible for the filtration of air?
 A, Simple Columnar b. Stratified Squamous
 c. Pseudostratified Ciliated Columnar d. Simple Cuboidal

23. Which of the following tissues is responsible for easy and rapid diffusion of materials?
A. Simple Squamous b. Pseudostratified Ciliated Columnar
c. Simple Columnar d. Stratified Squamous
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Next Tuesday

Multiple choice Connective - Muscle Structure

21. The tissue that is a network of loosely arranged collagen and elastin fibers is...
a. Areolar b. Adipose c. fibrocartilage c. hyaline
22. The type of muscle tissue which is branched is called...
a. Skeletal b. smooth c. Cardiac
23. The Tissue which has a water based gel in its matrix is...
a. Vascular b. Osseous c. Elastic d. hyaline
24. The cartilage which has dense collagen fibers that are parallel to one another
a. Fibrocartilage b. White fibrous (regular)
c. Elastic d. Adipose
25. The tissue which contains a calcium salt matrix is...
a. Osseous b. Adipose Fibrocartilage
d. Hyaline
26. Elastic cartilage contains cells in a matrix of
a. Vascular b. Elastic c. Hyaline d. Osseous
27. The tissue with almost no matrix at all...
a. Adipose b. Areolar c. connective d. White fibrous
28. The muscle tissue which is, elongated, striated and arranged parallel is...
a. Smooth b. Skeletal c. Cardiac
29. Which tissue has dense, fine, woven collagen fibers?
a. White Fibrous b. Osseous c. Areolar d. Fibrocartilage
30. Which type of muscle has no striations?
a. Smooth b. Skeletal c. Cardiac

Matching - Conn - Musc Functions

A

B

31. Areolar	A. Flexible Support for ears, Larynx
32. Adipose	B. Attaches Bone to Bone
33. Dense Regular	c. Cushions joints
34. Osseous	D. Conscious Movements
35. Fibrocartilage	E. Storage, Insulation
36. Elastic	ab. Binding of skin/muscle
37. Cardiac	ac. Forms trachea(windpipe)
38. Skeletal	ad. Carry Food, Oxy., waste
39. Hyaline	ae. Support and protection
	bc. Causes blood to move
	bd. Transmits electrical messages
	be. Bone formation

True or False - Location

40. Areolar connective tissue is found around the muscles, nerves, blood vessels, and under the skin.
41. Cardiac Muscle is found in the heart and associated blood vessels.
42. The tissues that hold your muscles onto your bone is called White Fibrous connective tissue.
43. The tissue which makes up the tip of your nose is elastic cartilage.
44. Fibrocartilage is found in the lining of the digestive tract.
45. Osseous connective tissue is found more in adults than in the developing fetus.
46. Adipose tissue is usually found in deposits around bones.
47. Smooth muscle is found in the muscles of the face and lips.
48. Skeletal muscle is any muscle attached to a bone.
49. Hyaline tissue caps the ends of most bones.