



QUIZ Time

Histology 4+5+6

Corrected by: Nadine alloom

Histology 4+5+6

1. Which of the following is NOT one of the four basic tissue types in the human body?

- A. Epithelial
- B. Connective
- C. Muscular
- D. Nervous
- E. Cartilaginous

2. From which embryonic germ layer is the skin epithelium primarily derived?

- A. Ectoderm
- B. Endoderm
- C. Mesoderm
- D. None of the above

3. Which characteristic is typical of epithelial cells?

- A. Abundant intercellular space
- B. Presence of blood vessels within the tissue
- C. Strong adhesion to neighboring cells
- D. Lack of a basement membrane

5. Which of the following is NOT a function of epithelial tissue?

- A. Protection
- B. Absorption
- C. Secretion
- D. Contraction
- E. Sensation

6. Which type of epithelium consists of a single layer of flat cells?

- A. Simple squamous
- B. Simple cuboidal
- C. Simple columnar
- D. Stratified squamous

7. Where is simple squamous epithelium commonly found?

- A. Lining of the alveoli in lungs
- B. Surface of the skin
- C. Ducts of glands
- D. Lining of the stomach

8. Which type of epithelium is characterized by cube-shaped cells with central nuclei?

- A. Simple squamous
- B. Simple cuboidal
- C. Simple columnar
- D. Stratified cuboidal

9. Simple cuboidal epithelium is typically found in:

- A. Epidermis
- B. Kidney tubules
- C. Lining of the mouth
- D. Trachea

10. Which epithelium type has tall, rectangular cells with oval basal nuclei?

- A. Simple squamous
- B. Simple cuboidal
- C. Simple columnar
- D. Stratified columnar

Histology 4+5+6

11. Ciliated simple columnar epithelium is primarily involved in:
- Protection against abrasion
 - Absorption of nutrients
 - Movement of particles or fluids
 - Sensory reception
12. Where can ciliated simple columnar epithelium be found?
- Epidermis
 - Central canal of the spinal cord
 - Lining of blood vessels
 - Outer layer of the kidney
13. Which type of epithelium appears to have multiple layers due to varying cell heights but is actually a single layer?
- Stratified squamous
 - Pseudostratified columnar
 - Transitional
 - Simple columnar
14. Pseudostratified columnar epithelium is commonly located in the:
- Epidermis
 - Lining of the trachea
 - Lining of blood vessels
 - Outer layer of the kidney
15. Which epithelium type is specialized for stretching and is found in the urinary bladder?
- Simple squamous
 - Stratified squamous
 - Transitional
 - Simple cuboidal
16. The primary function of stratified squamous epithelium is:
- Absorption
 - Secretion
 - Protection
 - Filtration
17. Keratinized stratified squamous epithelium is found in the:
- Lining of the mouth
 - Epidermis of the skin
 - Lining of the esophagus
 - Lining of the vagina
18. Non-keratinized stratified squamous epithelium is typically located in the:
- Epidermis
 - Lining of the oral cavity
 - Lining of the alveoli
 - Kidney tubules
20. The basement membrane functions to:
- Provide a barrier to pathogens
 - Anchor epithelial tissue to underlying connective tissue
 - Facilitate nutrient exchange via direct blood supply
 - Generate nerve impulses

Histology 4+5+6

Answers:

1. E
2. A
3. C
5. D
6. A
7. A
8. B
9. B
10. C
11. C
12. B
13. B
14. B
15. C
16. C
17. B
18. B
20. B