

Histology MCQs/Respiratory System II

1 What is true about the mucosa of inferior concha?

- Epithelium is pseudostratified columnar, lamina propria contains few vessels only
- Epithelium is pseudostratified columnar, lamina propria contains numerous vessels
- Epithelium is stratified squamous, lamina propria contains few vessels only
- Epithelium is stratified squamous, lamina propria contains numerous vessels

2 In which part of respiratory system do we have sebaceous glands?

- Bronchioli
- Nostrils
- Trachea
- Larynx

3 Which structure is on apical part of brush cells of respiratory passages?

- Stereocilia
- Microvilli
- Kinocilia
- Nothing

4 What is main function of goblet cells of respiratory passages?

- Production of signaling molecules
- Phagocytosis of bacteria
- Production of mucus
- Chemoreception

5 Pharynx:

- Epithelium of oropharynx is pseudostratified columnar, epithelium of nasopharynx is pseudostratified columnar
- Epithelium of oropharynx is pseudostratified columnar, epithelium of stratified squamous
- Epithelium of oropharynx is stratified squamous, epithelium of nasopharynx is pseudostratified columnar
- Epithelium of oropharynx is stratified squamous, epithelium of nasopharynx is stratified squamous

6 Which cartilages are in the larynx?

- Hyaline only
- Elastic only
- Both hyaline and elastic
- There is no cartilage in the larynx

7 Which type of epithelium covers the vocal folds?

- Pseudostratified columnar without cilia
- Pseudostratified columnar with cilia
- Stratified squamous non-keratinizing
- Stratified squamous keratinizing

8 Which type of muscle tissue is main tissue of vocal muscle?

- Medial portion is composed of skeletal muscle, lateral portion is composed of smooth muscle
- Medial portion is composed of smooth muscle, lateral portion is composed of skeletal muscle
- Skeletal muscle
- Smooth muscle

9 Which type of muscle tissue is main tissue of tracheal muscle?



A London fog, 1847

- Both smooth and skeletal muscle
- Tracheal muscle does not exist
- Skeletal muscle
- Smooth muscle

10 Which cartilage takes place in the wall of trachea?

- Hyaline cartilage
- Elastic cartilage
- Fibrocartilage
- It depends on the level (distance from the nose)

11 Which structure is not present in bronchioli?

- Pseudostratified columnar epithelium
- Hyaline cartilage
- Elastic fibers
- Smooth muscle

12 What is not a function of club cells (Clara cells)?

- Production of antibacterial peptides
- Production of free radicals
- Production of surfactant
- Production of mucus

13 Which type of fibers is not abundant inside interalveolar septa?

- Fibers of type III collagen
- Fibers of type I collagen
- Elastic fibers
- Reticular fibers

14 Alveolar capillaries are:

- Non-fenestrated with discontinuous basement membrane
- Non-fenestrated with continuous basement membrane
- Fenestrated with discontinuous basement membrane
- Fenestrated with continuous basement membrane

15 Which of following cells contains lamellar bodies?

- Type II pneumocyte
- Type I pneumocyte
- Goblet cell
- Dust cell

16 Type I pneumocytes:

- Contain abundant Golgi apparatus
- Contain pinocytotic vesicles
- Produce surfactant
- Produce mucus

17 What is a dust cell?

- Laryngeal macrophage
- Laryngeal neutrophil
- Alveolar macrophage
- Alveolar neutrophil

18 What is a mesothelium?

- Multiple layers of squamous cells
- Multiple layers of columnar cells.
- One layer of squamous cells
- One layer of columnar cells

19 Which of following structures is main motoric structure inside cilia (kinocilia)?

- Microtubules associated with dyneins
- Microtubules associated with kinesins
- Actin associated with type I myosin
- Actin microfilaments alone

20 Which cells are main receptors of olfactory mucosa?

- Sensoric epithelial cells
- Multipolar neurons
- Bipolar neurons
- Basal cells

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- Portal:Histology