

Histology MCQs/Respiratory System

1 How is arranged muscle tissue in the wall of bronchi?

- Longitudinal bundles of smooth muscle cells
- Longitudinal bundles of striated muscle fibers
- Spiral bundles of smooth muscle cells
- Spiral bundles of striated muscle fibers

2 What is main function of **type II pneumocyte**?

- It is a part of neuroendocrine system
- It is a site of diffusion of gases
- It produces a surfactant
- It produces a mucus

3 Which type of muscle tissue is made **trachealis muscle**?

- Myoepithelium
- Smooth muscle
- Striated muscle
- Mixture of smooth and striated muscle

4 Which type of glands sits in lamina propria mucosae of the trachea?

- Serous
- Mucinous
- Seromucinous
- There are no glands there

5 Which type of cartilage forms the cartilaginous skeleton of the nose?

- Hyaline cartilage
- Elastic cartilage
- Main part of cartilages is composed of hyaline cartilage, but some cartilages are elastic
- Main part of cartilages is composed of elastic cartilage, but some cartilages are hyaline

6 Which epithelium covert main part of the **vocal fold** (true vocal fold)?

- Stratified squamous non-keratinizing
- Stratified squamous keratinizing
- Simple squamous non-keratinizing
- Simple squamous keratinizing

7 Which epithelium covers often at least a part of the **vestibular fold** (false vocal fold)?

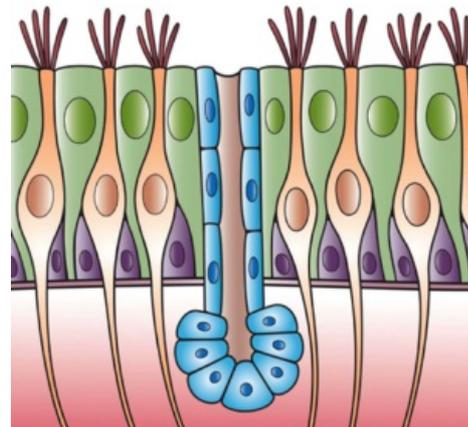
- Stratified squamous non-keratinizing
- Stratified squamous keratinizing
- Simple squamous non-keratinizing
- Simple squamous keratinizing

8 Which muscle tissue is a material of the **vocal muscle**?

- Smooth muscle
- Striated muscle
- Smooth muscle in the caudal part, striated muscle in the cranial part
- Smooth muscle in the cranial part, striated muscle in the caudal part

9 Which of following statements about **elastic fibers** in lungs is the most accurate?

- There are elastic fibers in the lung, but in the wall of arteries only
- There is plenty of elastic fibers in the lungs
- There are some elastic fibers in the lung



Epithelium of respiratory ways is composed of few distinct cell populations.

There are no elastic fibers in the lung

10 Which type of tissue forms an inner "skeleton" of the epiglottis?

- Fibrocartilage
- Elastic cartilage
- Hyaline cartilage
- Dense connective tissue

11 Which of the following statements about **arteries in the lung circulation** is true?

- There is a low pressure in the pulmonary circulation, therefore arteries are thin-walled than arteries in the system circulation
- There is a low pressure in the pulmonary circulation, therefore arteries are thick-walled than arteries in the system circulation
- There is a high pressure in the pulmonary circulation, therefore arteries are thin-walled than arteries in the system circulation
- There is a high pressure in the pulmonary circulation, therefore arteries are thick-walled than arteries in the system circulation

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