

Biology 11: Respiratory System worksheet

Answer the following questions:

1. Describe how the respiratory and cardiovascular systems work together to supply oxygen and remove carbon dioxide:

2. What are 3 functions of the nose?

- a.
- b.
- c.

3. The uppermost portion of the pharynx is called the _____. The middle portion of the pharynx is called the _____. The lower portion of the pharynx is called the _____.

4. The larynx is commonly known as the _____. It connects the _____ with the _____. The larynx is composed of nine pieces of _____. The major portion is known as the _____ which is nicknamed the Adam's Apple. The opening through the larynx is called the _____. The "lid" to the larynx is called the _____ which closes the larynx during swallowing. The _____ cords produce sound.

5. The trachea is commonly known as the _____. It is located _____ to the esophagus. The trachea is lined with _____ and is held open by _____.

6. What respiratory tubes found in the lungs are lined with epithelial tissue and help open varying amounts of cartilage?

7. What respiratory tubes are smaller, connect the bronchi to the alveolar ducts and contain no cartilage?

8. The lungs are located in the _____ cavity. They are enclosed by the _____ membrane. The _____ is located directly on the surface of the lungs while the _____ is found lining the cavity.