

## 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.