Anatomy of the Respiratory System
Practical Exam Practice
The diaphragm is a muscle that lies below the lungs that separates the thoracic cavity from the abdominal cavity and functions to force air into and out of the lungs, along with the intercostal muscles.
Identify the Structure and the Function.
Identify the Structure and the Function.

The nasal conchae function to warm and moisten the air we breathe before it reaches the lungs.
Identify the Structure and the Function.
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Identify the Structure and the Function.
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Function = Produces mucus, filters, warms, and moistens incoming air.
Identify the Structure.
Identify the Structure.
Identify the Structure.

Nasopharynx
Identify the Structure.
Identify the Structure.

Oropharynx
Identify the Structure.
Nasal Cavity

Function = Produces mucus, filters, warms, and moistens incoming air.
Identify the Structure and function.
The epiglottis functions to cover the windpipe (trachea) to prevent food from entering.
Identify the Structure and function.
The Epiglottis functions to cover the windpipe (trachea) to prevent food from entering.
Identify the Structure and Function.
The diaphragm is a muscle that lies below the lungs that separates the thoracic cavity from the abdominal cavity and functions to force air into and out of the lungs, along with the intercostal muscles.
Identify the Structure and Function.
Trachea
Identify the Structure.
Pharynx
(throat)
Identify the Structure.
Trachea
(wind pipe)
Identify the Structure.
Identify the Structure.
Identify the Structure.
Identify the Structure.

Epiglottis
Identify the Structure.
Identify the Structure.

Voice Box
Identify the Structure.
Identify the Structure.

Nasal Conchae
Identify the Structure.
Identify the Structure.
Identify the Structure.
Identify the Structure.

Larynx
Identify the Structure.
Identify the Structure.

Thyroid Cartilage
Identify the Structure.
Identify the Structure.

Trachea
Identify the Structure.
Identify the Structure.

Cricoid Cartilage
Identify the Structure.
Identify the Structure.

Cartilaginous Rings
What is the function of the vocal cords?
The glottis is defined as the opening between the vocal cords. The vocal cords vibrate producing different vocalizations used for communication.
Identify the Structure.
Identify the Structure.

Larynx
Identify the Structure.
Identify the Structure.

Trachea
Identify the Structure.
Identify the Structure.

Epiglottis
Identify the Structure.
Identify the Structure.

Vocal Cords
Identify the Structure.
Identify the Structure.
Identify the Structure.
Identify the Structure.

Cartilaginous Rings
Identify the Structure.
Identify the Structure.

Cricoid Cartilage
Identify the Structure.
Identify the Structure.

Thyroid Cartilage
Identify the Structure.
Identify the Structure.
Identify the Structure.
Identify the Structure.
Identify the Structure.
Identify the Structure.

Diaphragm
Identify the Structure.
Identify the Structure.
Identify the Structure.
Identify the Structure.
Identify the Structure.
Identify the Structure.
Identify the Structure.

Secondary Bronchi
Identify the Structure.
Identify the Tertiary Bronchi.
Identify the Structure and Function.
Identify the Structure.

Bronchioles

The bronchioles are the narrowest airways of the lungs. The bronchioles function to deliver air to the alveoli, where gas exchange occurs.
Identify the Structure.
Identify the Structure.

Visceral Pleural
Identify the Structures Labelled “1” and “2”.

1. Arterial Blood Vessel
2. Venous Blood Vessel
Identify the Structures Labelled “1” and “2”.

1. Arteriole Blood Vessel
2. Alveolar Duct
   Alveolar Sacs
Slide of Lung Tissue

- Bronchiole
- Arteriole Blood Vessel
- Alveoli
- Alveolar Duct
- Alveolar Sacs
Identify the Structure.
Identify the Structure.

Trachea
Identify the Structure.
Identify the Structure.

Primary Bronchi
Identify the Structure.
Identify the Structure.

Alveoli surrounded by capillaries
Identify the Structure.
Identify the Structure.

Alveoli
Identify the Structure.
Identify the Structure.

Opening of Alveolar Duct
Identify the Cell/Tissue Type.
Identify the Structure.

Ciliated Pseudostratified Columnar Epithelium
Identify the Layer.
Identify the Layer.

Submucosal Layer
Identify the Cell/Tissue Type.

Hyaline Cartilage
The Trachea

Hyaline Cartilage

Identify the Cell/Tissue Type.
Identify the Cell/Tissue Type.
THE TRACHEA

Goblet Cells

Submucosal Gland
Identify the Cell/Tissue Type.
Identify the Cell/Tissue Type.

- Ciliated Pseudostratified Columnar Epithelium
- Submucosal Gland

Ciliated Pseudostratified Columnar Epithelium
Identify the Cell/Tissue Type.
Identify the Cell/Tissue Type.

Hyaline Cartilage
Identify the Cell/Tissue Type.
Identify the Cell/Tissue Type.

Submucosa