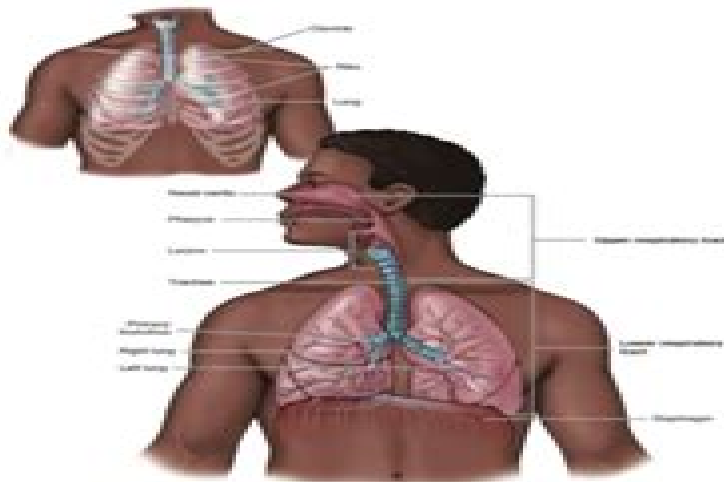


RESPIRATORY SYSTEM: CHAPTER 22

STRUCTURE: ORGANS OF THE RESPIRATORY SYSTEM

- Upper respiratory tract:
 - Organs located outside the chest
- Lower respiratory tract:
 - Organs located inside the chest

** Can you give examples of upper respiratory and lower respiratory infections? (Answers might include the common cold, pharyngitis, and laryngitis as examples of upper respiratory infections; bronchitis and pneumonia are examples of lower respiratory infections.)



UPPER RESPIRATORY SYSTEM

- Nose and nasal cavities
- Pharynx
 - Nasopharynx

- Oropharynx
- Laryngopharynx
- Larynx
 - Vocal cords
- Trachea
 - Cartilaginous rings

** The **oropharynx** and the **laryngopharynx** are part of both the digestive and respiratory systems. The **pharynx** also contains the opening to the tonsils and the eustachian tubes; the latter can be a pathway for otitis media.

** The thyroid cartilage is called the **Adam's apple** and can be seen in swallowing.

** The **cartilaginous rings** of the trachea prevent its collapse, helping maintain an open airway.

FUNCTIONS OF UPPER RESPIRATORY STRUCTURES

- Nose and nasal passages: Warm, moisturize, and conduct air
- Pharynx (throat): Conducts air to lower structures
- Larynx (voice box): Vibrates vocal cords, produces sound, and conducts air to lower structures
- Trachea (windpipe): Conducts air to right bronchus and left bronchus

** Describe what factors affect the quality of voice sound. (Mouth and tongue positions form sounds. Sound quality is modulated by the sinuses, so people sound different with sinusitis. A boy's voice changes at puberty because the vocal cords thicken and lengthen.)

LOWER RESPIRATORY SYSTEM

- Bronchi
- Bronchioles

Notes Respiratory System Chapter 22 And Digestive System

Michael Seilmaier



Notes Respiratory System Chapter 22 And Digestive System:

Reviewing **Notes Respiratory System Chapter 22 And Digestive System**: Unlocking the Spellbinding Force of Linguistics

In a fast-paced world fueled by information and interconnectivity, the spellbinding force of linguistics has acquired newfound prominence. Its capacity to evoke emotions, stimulate contemplation, and stimulate metamorphosis is truly astonishing. Within the pages of "**Notes Respiratory System Chapter 22 And Digestive System**," an enthralling opus penned by a highly acclaimed wordsmith, readers set about an immersive expedition to unravel the intricate significance of language and its indelible imprint on our lives. Throughout this assessment, we shall delve in to the book is central motifs, appraise its distinctive narrative style, and gauge its overarching influence on the minds of its readers.

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