

Pdf free Biology corner respiratory system review answers (PDF)

The respiratory system your respiratory system is made up of your lungs, airways, trachea, bronchi, and bronchioles, diaphragm, voice box, throat, nose, and mouth. Its main function is to breathe in oxygen and breathe out carbon dioxide. It also helps protect you from harmful particles and germs and allows you to smell and speak.

The human respiratory system is the system in humans that takes up oxygen and expels carbon dioxide. The major organs of the respiratory system include the nose, pharynx, larynx, trachea, bronchi, lungs, and diaphragm. Learn about the anatomy and function of the respiratory system in this article.

The respiratory system, also called the pulmonary system, consists of several organs that function as a whole to oxygenate the body through the process of respiration. Breathing, this process involves inhaling air and conducting it to the lungs where gas exchange occurs, in which oxygen is extracted from the air and carbon dioxide is expelled.

The respiratory system, also called the ventilatory system, is a biological system consisting of specific organs and structures used for gas exchange in animals and plants. The anatomy and physiology that make this happen varies greatly depending on the size of the organism, the environment in which it lives, and its evolutionary history.

The respiratory tract is the part of the respiratory system that carries air from the atmosphere to the lungs. In humans and most mammals, the anatomy of the respiratory system is divided into three parts: the first is the series of conducting tubes that carry air from the atmosphere towards the lungs; the second part consists of the muscles of respiration, the diaphragm and intercostal muscles in the ribs; the lungs form the third part.

The lungs and respiratory system allow oxygen in the air to be taken into the body while also letting the body get rid of carbon dioxide in the air breathed out. When you breathe in, the diaphragm moves downward toward the abdomen and the rib muscles pull the ribs upward and outward, making the chest cavity bigger and pulling air through the nose and mouth.

The pharynx is the part of the respiratory system that takes up oxygen and discharges carbon dioxide in order to satisfy energy requirements in the living organism. Energy is liberated along with carbon dioxide through the oxidation of molecules containing carbon. The term respiration denotes the exchange of gases.

Central chemoreceptors in the respiratory center trigger a sneeze, cough, and hiccup. With every inhale, air rushes through your windpipe to your lungs. After 20 to 30 branch points, oxygen diffuses into the liquid around the alveoli and slips into your blood. Carbon dioxide travels from the blood to the air and leaves the body when you exhale.

The circulatory system, which is made up of the heart and blood vessels, supports the respiratory system by bringing blood to and from the lungs. The circulatory system helps deliver nutrients and oxygen from the lungs to tissues and organs throughout the body. It also helps remove carbon dioxide and waste products.

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