

Gaseous Exchange

Sr	Questions	Answers Choice
1	The structural and functional unit of lungs is:	A. trachea B. pharynx C. bronchioles D. alveolus
2	Which gas is absorbed through stomata of plant during night?	A. Carbon dioxide B. Oxygen C. Nitrogen D. Hydrogen
3	Gaseous Exchange in cow takes in:	A. Bronchi B. Trachea C. Pharynx D. Alveoli
4	Which respiratory disorder is characterized by the inflammation of the bronchial tubes, leading to excessive mucus production and persistent coughing?	A. Emphysema B. Asthma C. Bronchitis D. Pneumonia
5	The normal breathing rate in human being is:	A. 10-40 times per minute B. 16-20 times per minute C. 30-40 times per minute D. None of these
6	Which part of the human respiratory system is responsible for the actual exchange of gases (oxygen and carbon dioxide)?	A. Trachea B. Bronchi C. Alveoli D. Larynx
7	The respiratory centre is present in :	A. Lungs B. Brain C. Nose D. Muscles
8	The rate of breathing at rest in human is:	A. 16-20 times per minute B. 70-80 times per minute C. 80-100 times per minute D. 10 -20 times per minute
9	What happens during Exhalation?	A. Ribs muscles relax B. Diaphragm become dome shaped C. Pressure on lungs increased D. All of these
10	The respiratory disease that is the destruction of the walls of Alveoli is;	A. Asthma B. Pneumonia C. Emphysema D. Bronchitis
11	A thick muscular layer beneath lungs is called:	A. Kidney B. Diaphragm C. Bladder D. Ureter
12	Amount of nitrogen in expired air is:	A. 70% B. 80% C. 79% D. 4%
13	Lungs are enclosed in a membrane called;	A. peritonium B. pleural membrane C. epidermis pericardium
14	In plants, gaseous exchange takes place as:	A. CO ₂ is removed and O ₂ is absorbed B. CO ₂ is absorbed and O ₂ is removed C. CO ₂ and O ₂ both are absorbed D. CO ₂ and O ₂ both are removed
15	What is the primary function of the diaphragm in human respiration?	A. To filter incoming air B. To warm and moisten air C. To contract and relax, changing D. To filter outgoing air

		lung volume D. To prevent food from entering the windpipe
16	Which waxy layer on the surface of plant leaves acts as a primary barrier to uncontrolled gaseous exchange and water loss, but also limits direct gas diffusion?	A. Epidermis B. Cuticle C. Cell wall D. Stomata
17	Stomata are present in:	A. Phloem B. Xylem C. Endodermis D. Epidermis
18	Most of the gaseous exchange in a leaf occurs through.	A. Stomata B. General surface C. Cuticle D. lenticels
19	In which of the following gaseous exchange occur through stomata?	A. The leaves and young stems B. Wood stems and nature roots. C. Young roots D. The aquatic plants
20	All the alveoli of one side unite to form:	A. Lung B. Kidney C. Thorax D. Chest Box