

Gaseous Exchange

Sr	Questions	Answers Choice
1	The correct list of respiratory disorders is;	A. Asthma, emphysema, pneumonia, bronchitis B. Asthma, pneumonia, hemophilia, typhoid, C. Asthma, blood, cancer, emphysema, cholera D. Asthma, cholera, emphysema, malaria
2	Which statement accurately describes lenticels?	A. They are found primarily on the upper epidermis of leaves. B. They are regulated by guard cells to control gas exchange. C. They are permanent pores in the bark of woody stems and roots. D. They are involved in the absorption of water from the soil.
3	All the alveoli of one side unite to form:	A. Lung B. Kidney C. Thorax D. Chest Box
4	Smoking may also lead to the cancers in:	A. Kidneys and pancreas B. Oral cavity and larynx C. Breast and bladder D. All of them
5	How many pairs of ribs in humans?	A. 12 B. 24 C. 26 D. 30
6	The basic structural and functional unit of the kidney responsible for filtering blood and forming urine is called the:	A. Neuron B. Alveolus C. Nephron D. Hepatocyte
7	In which of the following gaseous exchange occur through stomata?	A. The leaves and young stems B. Wood stems and mature roots C. Young roots D. The aquatic plants
8	Which of the following is considered the leading cause of lung cancer and other chronic respiratory diseases?	A. Exposure to cold weather B. Excessive consumption of sugary drinks C. Smoking tobacco D. Lack of physical exercise
9	Amount of nitrogen in expired air is:	A. 70% B. 80% C. 79% D. 4%
10	Stomata are present in:	A. Phloem B. Xylem C. Endodermis D. Epidermis
11	The length of trachea is:	A. 10 cm B. 12 cm C. 22 cm D. 20 cm
12	In normal condition human respiration rate is:	A. 12 to 15 per minute B. 15 to 12 per minute C. 10 to 12 per minute D. 16 to 20 per minute
13	The process of gaseous exchange involves.	A. Break down of C-H bonds to yield energy. B. Physical movements that take air in and out of our body C. Getting oxygen from the air and removing carbon dioxide

		D. Transport of oxygen by the blood to different parts of the body.
14	Most of the gaseous exchange in a leaf occurs through:	A. Stomata B. General surface C. Cuticle D. Lenticels
15	A thick muscular layer beneath lungs is called:	A. Kidney B. Diaphragm C. Bladder D. Ureter
16	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
17	Which structure actively helps in taking the air out of lungs?	A. Nasal cavity B. Bronchus C. Bronchiole D. Diaphragm
18	Cartilage is absent in:	A. larynx B. trachea C. bronchi D. bronchioles
19	How many lobes are present in right lung?	A. 2 B. 3 C. 4 D. 5
20	The opening and closing of stomata are regulated by specialized cells known as:	A. Epidermal cells. B. Mesophyll cells. C. Guard cells. D. Xylem cells.