

## Gaseous Exchange

Sr	Questions	Answers Choice
1	The uncontrolled cell divisions in lungs tissue is called:	A. bronchitis B. emphysema C. <b>cancer</b> D. Asthma
2	How many carciogens are present in cigarette smoke?	A. 40 B. 50 C. 60 D. 70
3	Smoking may also lead to the cancers in:	A. Kidneys and pancreas B. Oral cavity and larynx C. Breast and bladder D. <b>All of them</b>
4	Which of the following conditions generally causes stomata to open in most plants during the day?	A. Low light intensity. B. High internal CO <sub>2</sub> concentration. C. <b>High turgor pressure in guard cells.</b> D. Dry atmospheric conditions.
5	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. <b>Smoking tobacco</b> D. Lack of physical exercise
6	Which disease is caused by Streptococcus pneumoniae?	A. Bronchitis B. Emphysema C. <b>Pneumonia</b> D. Asthma
7	What substance in red blood cells is primarily responsible for transporting oxygen in the blood?	A. Plasma B. <b>Hemoglobin</b> C. Platelets D. White blood cells
8	Stomata are present in:	A. Phloem B. Xylem C. Endodermis D. <b>Epidermis</b>
9	What is the primary function of the human kidneys?	A. Pumping blood throughout the body B. <b>Filtering waste products from the blood and producing urine</b> C. Producing digestive enzymes for the small intestine D. Regulating body temperature through sweating
10	What is the primary organ responsible for gaseous exchange in humans?	A. Heart B. Kidneys C. <b>Lungs</b> D. Liver
11	Lungs are enclosed in a membrane called;	A. peritonium B. <b>pleural membrane</b> C. epidermis pericardium
12	For gaseous exchange the leaf and young stems have in their epidermis:	A. <b>Stomata</b> B. Lenticels C. Companion cell D. Guard cells
13	What is the main characteristic of pneumonia, a lung infection?	A. Permanent dilation of bronchi B. <b>Inflammation of the lining of the lungs and fluid accumulation in alveoli</b> C. Spasms of the bronchial tubes D. Destruction of the cilia in the trachea

14 The rate of breathing at rest in human is:  
B. 70-80 times per minute  
C. 80-100 times per minute  
D. 10 -20 times per minute

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15 Which disease is involved in the breakdown of air sacs of the lungs?  
A. Bronchitis  
B. Emphysema  
C. Pneumonia  
D. Asthma

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16 Which kind of blood vessels are present around the alveoli?  
A. Artery  
B. Capillary  
C. Arteriole  
D. Veins

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17 When the "World no tobacco day" is celebrated?  
A. 30 June  
B. 31 June  
C. 11 January  
D. None of these

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18 Which of the following is called voice box?  
A. Trachea  
B. Larynx  
C. Bronchi  
D. Alveoli

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19 The number of lobes in right lung is:  
A. 1  
B. 2  
C. 3  
D. 4

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20 How many bronchi are there in the air passageway?  
A. One  
B. Two  
C. Many  
D. None of these