

Gaseous Exchange

Sr	Questions	Answers Choice
1	How many carciogens are present in cigarette smoke?	A. 40 B. 50 C. 60 D. 70
2	What are the tiny air sacs in the lungs where the actual exchange of gases (oxygen and carbon dioxide) occurs?	A. Bronchi B. Trachea C. Bronchioles D. Alveoli
3	In wood seems and roots the gaseous:	A. lenticels B. epidermal cells C. somata D. micropyle
4	During nighttime, what is the net gaseous exchange observed in most plants?	A. Intake of CO ₂ and release of O ₂ B. Release of CO ₂ and intake of O ₂ C. Release of both CO ₂ and O ₂ D. No significant gaseous exchange occurs
5	In old woody stems and roots, gaseous exchange occurs through specialized pores called:	A. Stomata B. Lenticels C. Root hairs D. Epidermis
6	What substance in red blood cells is primarily responsible for transporting oxygen in the blood?	A. Plasma B. Hemoglobin C. Platelets D. White blood cells
7	Which of the following conditions generally causes stomata to open in most plants during the day?	A. Low light intensity. B. High internal CO ₂ concentration. C. High turgor pressure in guard cells. D. Dry atmospheric conditions.
8	Power of speaking is only gifted to:	A. Human being B. Monkey C. Parrot D. Crow
9	What is the primary characteristic of asthma?	A. Permanent damage to alveolar walls B. Inflammation of the pharynx C. Spasms of the bronchi and bronchioles, narrowing the airways D. Fluid accumulation in the pleural cavity
10	Which gas is continuously required by plants for the process of cellular respiration, day and night?	A. Carbon dioxide B. Nitrogen C. Oxygen D. Methane
11	For gaseous exchange the leaf and young stems have in their epidermis:	A. Stomata B. Lenticels C. Companion cell D. Guard cells
12	Lungs are enclosed in a membrane called;	A. peritonium B. pleural membrane C. epidermis pericardium
13	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
14	Which of the following is the main nitrogenous waste product excreted by the human urinary system?	A. Carbon dioxide B. Bile C. Urea D. Lactic acid

15	Submerged aquatic plants perform gaseous exchange primarily through which of the following?	A. Well-developed stomata on their leaves. B. Lenticels located on their stems. C. Their entire general body surface. D. Specialized air roots (pneumatophores).
16	In first stem of glycolysis glucose molecules breaks and divide into two _____ molecules	A. Citric acid B. Lactic acid C. Pyruvic acid D. Formic acid
17	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
18	Most of the gaseous exchange in a leaf occurs through:	A. Stomata B. General surface C. Cuticle D. Lenticels
19	The opening and closing of stomata are regulated by the turgidity of which specialized cells?	A. Epidermal cells B. Mesophyll cells C. Guard cells D. Companion cells
20	Gaseous Exchange in cow takes in:	A. Bronchi B. Trachea C. Pharynx D. Alveoli