

Multiple Choice Questions

1. The process of gaseous exchange involves:

- A. Breakdown of C-H bonds to yield energy
- B. Physical movements that take air in and out of body
- C. Getting oxygen from the air and removing carbon dioxide
- D. Transport of oxygen by the blood to different parts of the body

2. Most of the gaseous exchange in a leaf occurs through:

- A. Stomata
- B. General surface
- C. Cuticle
- D. Lenticels

3. How many bronchi are there in the air passage?

- A. One
- B. Two
- C. Many
- D. None

4. Where does the gaseous exchange occur in humans?

- A. Pharynx
- B. Trachea
- C. Bronchi
- D. Alveoli

5. Which structure actively helps in taking the air out of lungs?

- A. Nasal cavity
- B. Bronchus
- C. Bronchiole
- D. Diaphragm

6. The primary chemical stimulus for breathing is the concentration of;

- A. Carbon dioxide in blood
- B. Oxygen in blood
- C. Carbon dioxide in muscles
- D. Oxygen in muscles

7. Point out the FALSE statement about respiration.

- A. Gaseous can easily pass through the walls of the alveoli
Gas exchange in lungs is very efficiently because lungs provide large surface area
- B. area

- C. In emphysema the walls of alveoli break and there is more surface area
D. Dust particles can damage the lung by irritating the inner alveoli surface

8. A disease involving the breakdown of air sacs of the lungs is:

- A. Pneumonia
B. Bronchitis
C. Asthma
D. Emphysema

9. Which process does NOT occur in the nasal cavity?

- A. Trapping of large dust particles
B. Humidification of the inhaled air
C. Warming of the inhaled air
D. Exchange of gases

10. What type of blood vessels surrounds the alveoli?

- A. Artery
B. Arteriole
C. Capillary
D. Vein

Answers

1. C	2. A	3. B	4. D	5. D
6. A	7. C	8. D	9. D	10. C

ClassNotes

