

Respiratory and Circulatory Systems

Total questions: 10

Worksheet time: 5mins

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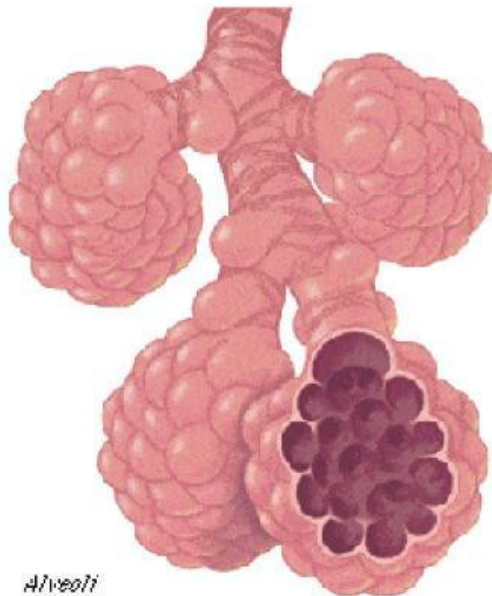
1. The respiratory system is the body system in which _____ exchange takes place.

- a) gas
- b) blood
- c) nutrients
- d) waste

2. Which is the correct pathway that blood takes as it leaves the heart, circulates throughout the body, and returns to the heart?

- a) veins, venules, capillaries, arteries, arterioles
- b) arterioles, arteries, capillaries, veins, venules
- c) arterioles, arteries, venules, veins, capillaries
- d) arteries, arterioles, capillaries, venules, veins

3.



This is an image of the alveoli in the lungs.

- a) False
- b) True

4. The function of the respiratory systems is to bring carbon dioxide into the body and to expel oxygen and water vapor.

- a) True
- b) False

5. Which is the correct pathway of air into the respiratory system?
- a) nose and mouth, pharynx, trachea, bronchi, bronchioles, alveoli b) nose and mouth, bronchi, trachea, pharynx, bronchioles, alveoli
- c) alveoli, bronchioles, bronchi, trachea, pharynx, nose and mouth d) pharynx, nose and mouth, bronchioles, bronchi, trachea, alveoli
6. The diaphragm is a dome-shaped muscle at the base of the rib cage.
- a) True b) False
7. The heart is a muscular pump, about the size of your _____, that keeps the blood moving to every part of the body.
- a) face b) finger
- c) foot d) fist
8. In which structure of the respiratory system does gas exchange take place?
- a) trachea b) alveoli
- c) pharynx d) bronchioles
9. The largest structures in your heart are the two chambers.
- a) True b) False
10. Which is the correct sequence of blood flow through the heart and lungs?
- a) right atrium, right ventricle, lungs, left atrium, left ventricle b) left ventricle, left atrium, lungs, right ventricle, right atrium
- c) right atrium, right ventricle, left atrium, left ventricle, lungs d) lungs, right atrium, right ventricle, left atrium, left ventricle