Circulatory System Quiz

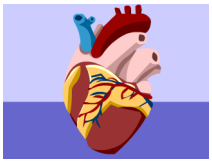
Name: _____
Date: _____
Class: _____

1. Which of the following is a synonym for the circulatory system?

a. Respiratory system
b. Endocrine system
c. Integumentary system
d. Cardiovascular system

2. Where in your body can you find blood vessels? Choose the best answer.

a. Around your heart
b. In your hands and feet
c. In your head
d. Virtually everywhere

3.  **To which part of a car is the heart most similar?**

a. The engine
b. The wheels
c. The steering column
d. The radio

4. What type of tissue in the heart pumps blood throughout the body?

a. Fatty tissue
b. Muscle tissue
c. Connective tissue
d. Nervous tissue

5. How does pulmonary circulation differ from coronary circulation?

a. Coronary circulation occurs throughout the body; pulmonary circulation occurs in the heart
b. Coronary circulation occurs in the brain; pulmonary circulation occurs in the lungs
c. Coronary circulation occurs in the heart; pulmonary circulation occurs in the heart and lungs
d. Coronary circulation involves oxygenated blood only; pulmonary circulation involves deoxygenated blood only

6. What can you infer about carbon dioxide from the fact that your body needs to breathe it out?

a. It is necessary for a variety of life processes
b. It can be harmful if it builds up in the bloodstream
c. Without it, the lungs would not be able to function
d. It is delivered to the heart via coronary circulation

7. How does your body acquire the oxygen the cells in your body need to function?

a. Breathing
b. Osmosis
c. Diffusion
d. Absorption

8. What part of the circulatory system is responsible both for disposing of cellular waste and providing cellular fuel?

a. The heart
b. The kidneys
c. The lungs
d. The aorta

9. Through which type of circulation does blood flow to your hands and feet?

a. Cardiac circulation
b. Coronary circulation
c. Pulmonary circulation
d. Systemic circulation

10. What would happen if your circulatory system did not deliver oxygen to your body's cells?

a. Your body's cells would use carbon dioxide instead.
b. Your body's cells would shut down.
c. Your body's cells would multiply at twice their normal rate.
d. Your body's cells would enter your bloodstream.