

## The Circulatory System Quiz Answers

Circle the correct answer to each question, below:

1. What are the names of the chambers of the heart?

- a. atriums and veins                      b. ventricles and arteries  
c. atriums and ventricles                d. arteries and veins

2. The right ventricle pumps blood to the \_\_\_\_\_.

- a. heart                      b. lungs                      c. brain                      d. legs

3. How many valves are in a human heart?

- a. two                      b. three                      c. four                      d. six

4. The tricuspid valve has \_\_\_\_\_ flaps that open and close.

- a. one                      b. two                      c. three                      d. four

5. When \_\_\_\_\_ is used to make artificial valves, the valves last long a long time, but blood clotting can result.

- a. animal tissue                      b. metal or plastic  
c. silly putty                      d. spoons

6. The \_\_\_\_\_ carry de-oxygenated blood back to the heart.

- a. arteries                      b. capillaries                      c. veins                      d. ventricles

7. When engineers brainstorm together as a team, they make sure to \_\_\_\_\_.

- a. criticize all ideas                      b. come up with lots of ideas and build on each other's ideas  
c. focus on one idea                      d. talk about their plans for the weekend

8. After receiving oxygen from the lungs, blood returns to the heart through the left \_\_\_\_\_.

- a. atrium                      b. ventricle                      c. artery                      d. vein

9. The most important purpose of the valves in the heart is to \_\_\_\_\_.

- a. clean the blood                      b. allow blood to flow in one direction  
c. absorb oxygen                      d. do nothing (they have no purpose)

10. Once blood has been oxygenated, it is pumped out of the heart by the left ventricle into the \_\_\_\_\_, where it travels to the rest of the body.

- a. atrium                      b. aorta                      c. capillaries                      d. veins