



## L. N. Coakley Science Department

### The Circulatory System Quiz.

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Grade \_\_\_\_\_.

**Note: In order to answer this live worksheet, you can look at the notes from the links below:**

1. From what source do cells get their food?
  - a) Blood
  - b) Oxygen
  - c) Other cells
  - d) Carbon dioxide
2. Why is oxygen important to blood and cells?
  - a) Oxygen helps the blood to clot.
  - b) Oxygen brings food to the cell.
  - c) Oxygen is necessary for cell growth and energy.
  - d) Oxygen is not important.
3. Which type of blood vessel carries blood away from the heart?
  - a) Veins
  - b) Arteries
  - c) Capillaries
  - d) Veins, arteries and capillaries



4. Why is blood that flows from the lungs to the heart bright red?

- a) Carbon dioxide makes it red.
- b) Oxygen makes it red.
- c) Plasma makes it red.
- d) A special pigment makes it red.

5. Why does blood turn dark red as it circulates through the body?

- a) Clotting occurs.
- b) It is farther away from the heart.
- c) It darkens naturally
- d) Oxygen in the blood is replaced by carbon dioxide.

6. What is the organ that pumps blood throughout the human body?

- a) Brain
- b) Lungs
- c) Heart
- d) Circulatory system

7. How many chambers are in the heart?

- a) 4
- b) 2
- c) 1
- d) 3





8. Match column A with column B.

Column A

1. Aorta
2. Arteries
3. Capillaries
4. Veins
5. Vena cava
6. Thoracic cavity
7. Oxygenated blood
8. Deoxygenated blood
9. Pericardium
10. Myocardium

Column B

- A. Takes blood from the heart to the body tissues.
- B. Largest artery in the body.
- C. Exchange point between blood and the body cell.
- D. Blood containing oxygen.
- E. Blood vessel that bring blood back to the heart.
- F. Major vein which leads back to the heart.
- G. Membrane covering the heart.
- H. Heart muscle.
- I. Blood without oxygen.
- J. Chest cavity.

9. Explain what is the difference between oxygenated blood and deoxygenated blood?

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10. The heart is made of special muscle called: \_\_\_\_\_.

11. Name and describe two diseases caused by disorders of the blood the circulatory system.

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12. Label the diagram

