

Name \_\_\_\_\_

Block \_\_\_\_\_

Date \_\_\_\_\_

Biology 12 - The Heart & Circulatory System	
1. Arteries	carry oxygenated blood
2. Veins	carry deoxygenated blood
3. Capillaries	exchange blood with tissues
4. Heart	pumps blood throughout the body
5. Blood	transports oxygen, nutrients, and waste
6. Blood pressure	force of blood against vessel walls
7. Blood flow	rate at which blood moves through vessels
8. Blood volume	total amount of blood in the body
9. Blood pH	acidity of blood
10. Blood glucose	sugar in blood
11. Blood cholesterol	fat in blood
12. Blood clotting	process of forming clots
13. Blood transfusion	transfer of blood from one person to another
14. Blood donation	giving blood to help others
15. Blood test	analysis of blood
16. Blood pressure	force of blood against vessel walls
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- 1) The major circulatory artery to the body is the aorta.
- 2) The circulatory system begins with the right ventricle of the heart and ends with the left atrium of the heart.
- 3) Contraction of the heart is called systole and relaxation is called diastole.
- 4) The left side of the heart is called systemic and the right side is called pulmonary.
- 5) The difference in air density between the lungs during the contraction of the diaphragm is the primary reason for the contraction of the ventricles.
- 6) A stroke occurs when the blood supply to the brain is cut off.
- 7) Increased pressure in the veins is called varicose veins.
- 8) High blood pressure is called hypertension.
- 9) The lungs are the primary site for the exchange of oxygen and carbon dioxide.
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- 11) The lungs are the primary site for the exchange of oxygen and carbon dioxide.
- 12) A stroke occurs when the blood supply to the brain is cut off.
- 13) Increased pressure in the veins is called varicose veins.

1. Aorta	main artery	1. Ventricle	chamber of the heart
2. Vein	carries deoxygenated blood	2. Atrium	chamber of the heart
3. Capillary	exchange blood with tissues	3. Septum	divides the ventricles
4. Heart	pumps blood	4. Coronary artery	supplies blood to the heart
5. Blood	transports oxygen and nutrients	5. Blood pressure	force of blood against vessel walls
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