Student Name a Date a

**Answer Sheet**

Examining Heart Structures and Blood Flow

*Identifying Structures*

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| --- | --- | --- | --- |
| **Right Atrium** | **Left Atrium** | **Right Ventricle** | **Left Ventricle** |
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|  |  |  |  |
| --- | --- | --- | --- |
| **Pulmonary Trunk** | **Superior Vena Cava** | **Inferior Vena Cava** | **Aorta** |
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| --- | --- | --- | --- |
| **Left Pulmonary Artery** | **Right Pulmonary Artery** | **Left Pulmonary Veins** | **Right Pulmonary Veins** |
|  |  |  |  |

**The white structures on the inside of the heart which are located between the atria and ventricles, and between the ventricles and great vessels are called…**

1. **Arteries c. Cardiac muscle**
2. **Valves d. Septa**

**The wall separating the right and left ventricles of the heart is called a…**

1. **Vein c. Septum**
2. **Node d. Branch**

*Understanding Blood Flow*

1. The great vessels that deliver blood into the right atrium.
2. The right atrium pumps blood into this heart chamber.
3. The right ventricle pumps blood into this great vessel.
4. These two vessels branch off from the pulmonary trunk.

1. Blood is carried here by the pulmonary arteries.
2. These vessels carry blood from the lungs back to the heart.
3. The pulmonary veins deliver blood to this heart chamber.
4. The left atrium pumps blood into this heart chamber
5. The left ventricle pumps blood into this great vessel.
6. The aorta branches off into many of these vessels, which deliver oxygenated blood to the body.
7. Once oxygen is delivered to the body, these vessels carry blood back toward the heart and eventually all empty back into the venae cavae.
8. The venae cavae both deliver blood to this heart chamber.
9. Left ventricle
10. Pulmonary trunk
11. Aorta
12. Left atrium
13. Right atrium
14. Superior and iInferior venae icavae

1. Right Ventricle
2. Pulmonary iarteries
3. Pulmonary veins
4. Lungs
5. Veins
6. Arteries
7. Left ventricle

**Word Bank**

*Finding Pulse and Breathing Rates*

I counted beats in 15 seconds. My pulse rate is beats per minute.

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| --- | --- | --- |
| **Test Subject** | **Pulse Rate (bpm)** | **Breathing Rate (bpm)** |
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Application Questions

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