

Learning Centre, Student Affairs

Biology 067 - The Heartbeat Practice Test #5

Each heartbeat is called a _____.

The sinoatrial node is located _____.

What does AV stand for? _____.

What is the pathway of the electrical impulse that is initiated at the SA? _____

When the heart is relaxed, both the atria and the ventricles are _____

The intrinsic conduction system of the heart consists of:

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What 2 systems regulate the heartbeat extrinsically?

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Which system responds first? _____

Hormones are produced by _____ and move through the blood to target _____.

The _____ produces hormones that target the kidneys.

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Cardiovascular Pathways

What are the two circuits that make up the cardiovascular system?

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The path of blood through the lungs is called the _____.

What 2 gases are exchanged? _____

The pulmonary arteries take blood that is _____ in oxygen to the lungs, and the pulmonary veins take blood that is _____ in oxygen to the heart.

What system takes blood to and from the body tissues? _____

The blood flow to the tissues allows for the exchange of _____, _____, and _____.

The systemic circuit takes blood from the _____ through the body and back to the _____.

The systemic circuit system has a specialized pathway called the _____.

The organ associated with this portal is the _____.

Blood passes from the _____ into venules that join to form the _____.