

Biology 067 The Cardiovascular System Practice Test #4 - From Notes

What are the 5 functions of the CV system?

Which of the following is not a type of blood vessel?

- artery
- epithelium
- capillary
- vein

Which type of blood vessel does not have valves? _____

Which type of blood vessel has the lowest blood pressure? _____

Which type has the thinnest walls? _____

Which takes the blood away from the heart? _____

Which takes blood to the heart? _____

Blood pressure is generated in the:

- veins
- arteries
- arterioles
- venules

What is the path of blood flowing in the arteries? _____

When skeletal muscles contract, backflow is prevented by:

- arterioles
- ventricles
- valves
- myocardium

Why are the walls of the veins so thin? _____

What two muscles contract during ventilation? _____

What are the 3 stages of blood flow in the veins?

Name 3 valves involved in blood flow in the heart.

Heart tissue is called

- pericardium
- myocardium
- septum
- vena cava

The septum and the chordae tendineae are part of the heart's internal or external anatomy? _____

What is the function of the septum? _____

The function of the chordae tendineae is to:

- prevent valves from averting blood
- to protect the heart tissue
- to lower pressure in the thoracic cavity
- to allow blood to be forced back to the heart during contractions

Coronary arteries on the heart's surface

- take waste and CO₂ away from heart tissue
- deliver O₂ and nutrients to heart tissue
- stimulate contractions
- conduct electrical impulses

What is the difference between LUB and DUB? _____
