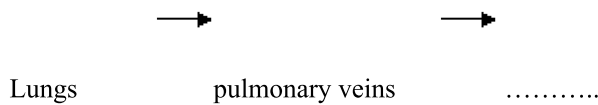


CARDIOVASCULAR SYSTEM WORKSHEET

1. List the components of the cardiovascular system and state a general function of each component.
- i).....
 - ii).....
 - iii).....
 - iv).....

2. Trace the path of blood through the human body from the lungs and back to the lungs.



3. Distinguish between the terms in each of the following sets:
- a) Bradycardia: Tachycardia
.....
 - b) Baroreceptors: Chemoreceptors
.....
 - c) Preload: Afterload
.....
 - d) Stroke volume (SV): Cardiac output (CO)
.....
 - e) Neural control of BP and flow: Hormonal control of BP and flow
.....

4. Contrast the functions of the structures in each of the following sets.
- a) Epicardium: Myocardium: Endocardium
.....
 - b) Sinoatrial (SA) node: atrioventricular (AV) node: AV bundle (Bundle of His): Purkinje fibers
.....

5. State and explain the Frank-Starling Law of the Heart.
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6. Compare the composition and location of the tunica externa, tunica media and tunica intima of blood vessels.

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7. Compile a table showing the major blood vessels of the human body and their location.

8. Describe problems associated with 3 disorders of the heart and / or blood vessels.

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