

X_Life processes(Transportation)_Worksheet 1

1. Name the components of the cardio vascular system.
2. Why are the walls of the ventricles thicker than the walls of the Atria?
3. Name the vessels that carries oxygenated blood from the lungs to the heart?
4. Draw the human heart and label : right ventricle, the arteries carrying deoxygenated blood out of the heart, the largest artery of the body, the left ventricle, the vena cavas.
5. Why is the oxygenated blood and deoxygenated blood kept separate in the heart?
6. Give reasons:
 - a) The wall of the left ventricle is the thickest.
 - b) The walls of the atria are thinner as compared to the walls of the ventricles.
7. Name the following:
 - a) The vessel carrying the oxygenated blood out of the heart.
 - b) The valve separating the left auricle and left ventricle.
 - c) The only arteries that carry deoxygenated blood.
 - d) The two veins that bring back oxygenated blood to the heart.
 - e) The wall that separates the two ventricles.
8. Draw a flow diagram to show the circulation of blood through the heart.
9. What is the role of the valves in the heart?
10. Which side of the heart is seen to have oxygenated blood?
11. The heart pumps blood throughout the life of a human being. How can it do so?
12. What is the size of the heart and where is it located? Name the 4 chambers of the heart.