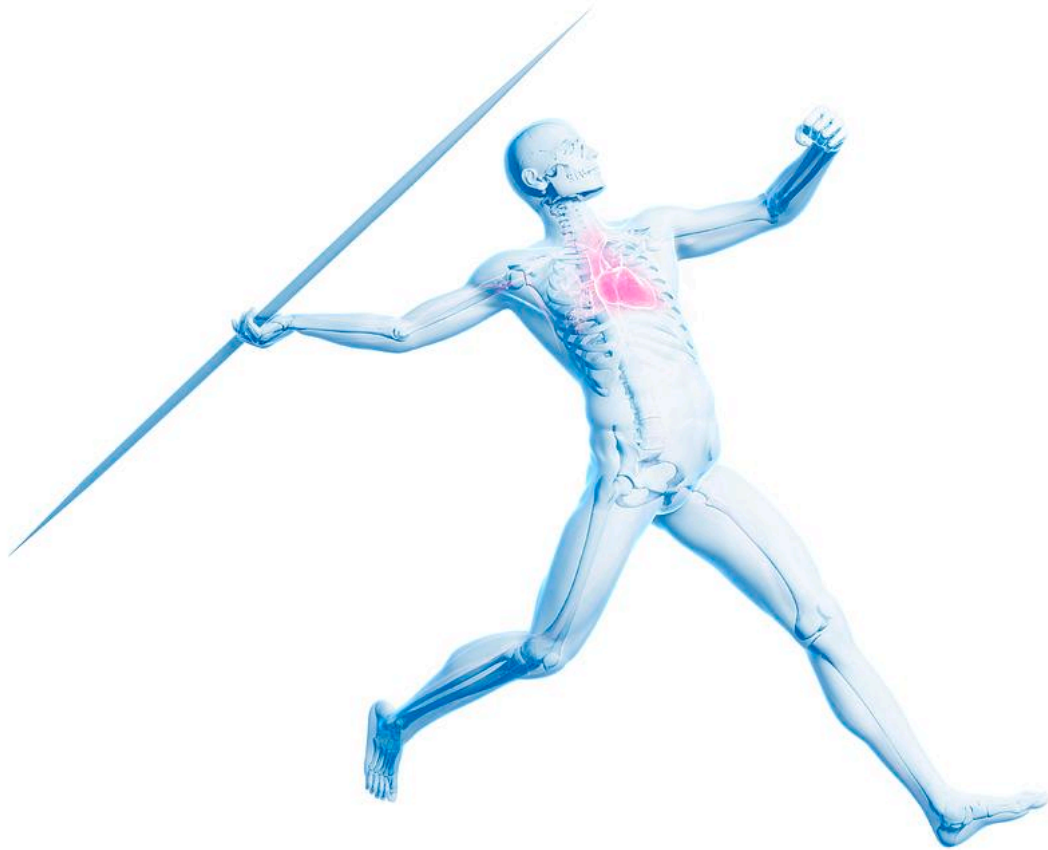


Unit 1: Anatomy and Physiology

Transition work – week 5

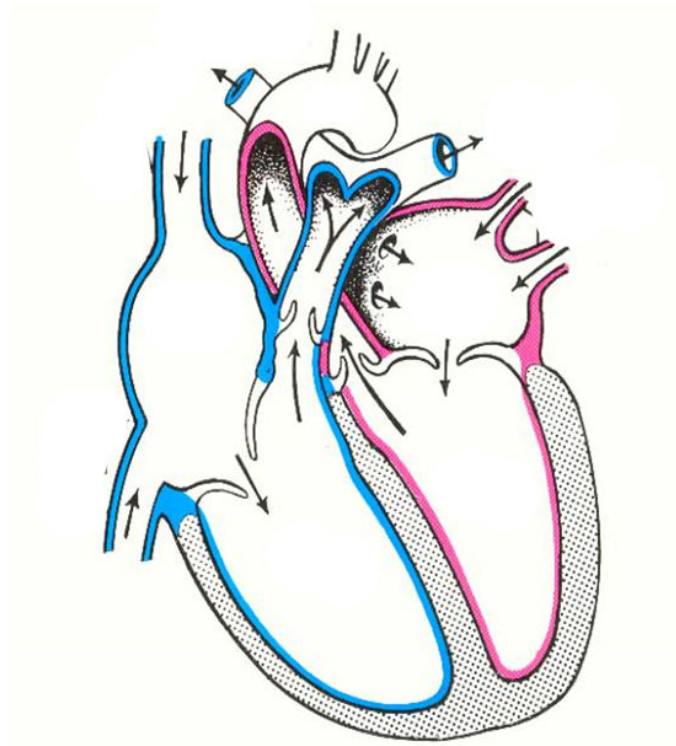


Name: _____

Section D – The effects of exercise and sports performance on the Cardiovascular system

Structure of the Heart

TASK: Label the 4 chambers, 4 blood vessels, 4 valves in the heart
Label which side is oxygenated and which is deoxygenated
Add arrows to where the blood is going to and where it is coming from



Task: Describe the role of each of these structures

Coronary Arteries =

Bicuspid valve =

Tricuspid valve =

Aorta =

Aortic semi lunar valve =

Pulmonary semi lunar valve =

Pulmonary vein =

Structure of Blood Vessels

Task: For each of these blood vessels give 2 characteristics of its structure

Arteries:

Veins:

Arterioles:

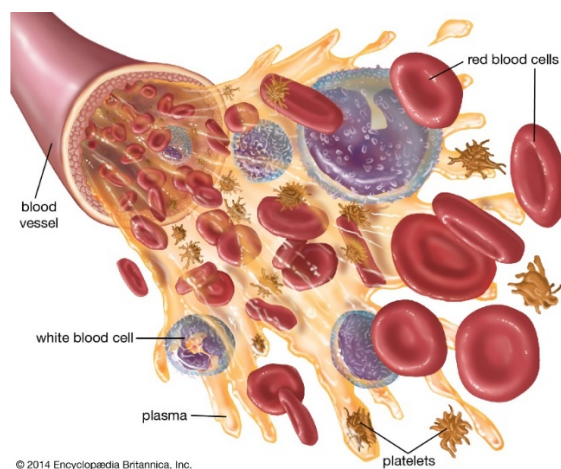
Venules:

Capillaries:

Composition of Blood

TASK: Complete the table on the description and function of each component of the blood

Component	Description	Function
<i>Red Blood Cells</i>		
<i>White Blood Cells</i>		
<i>Platelets</i>		
<i>Plasma</i>		



Functions of Cardiovascular System

TASK: Describe each of the 5 functions of the cardiovascular system

Function	Description