

Circulatory System

Section 11.1 The Need for a Circulatory System

- Know all key terms
- Know the 3 main functions of a circulatory system?
- Be able to describe the differences between open and closed circulatory systems, and give examples of organisms with each type of system
- Know the what the difference between pulmonary and systemic

Answer 1-3, 5,6 pg. 481

Section 11.2 Blood: A Fluid Tissue

- Know what the main components of blood and their function
- Know the functions of blood
- Know blood types

Answer 1a), 2, 4-6 pg. 486

Section 11.3 Blood Vessels

- Be able to describe the structure and main function of: arteries, arterioles veins, venules and capillaries
- Know what blood pressure and hypertension are
- Understand the Lymphatic system and its purpose

Answer 2-6 pg 494

Section 11.4

- Know the structure of the heart and be able to identify the following in a diagram of the human heart:
 - right & left atria, right & left ventricles, aorta, superior & inferior vena cava, pulmonary arteries, and pulmonary veins
- Be able describe the flow of blood between the lungs & the heart, and the rest of the body & the heart
- Understand how the heart beat is created and measured

Answer 1-5,7,8 pg. 500

Section 11.5 Coronary Artery Disease

- Know all key terms
- Know the different disorders that affect the circulatory system, symptoms, diagnosis and any treatments.
- Answer 1,2,4,5 pg 503