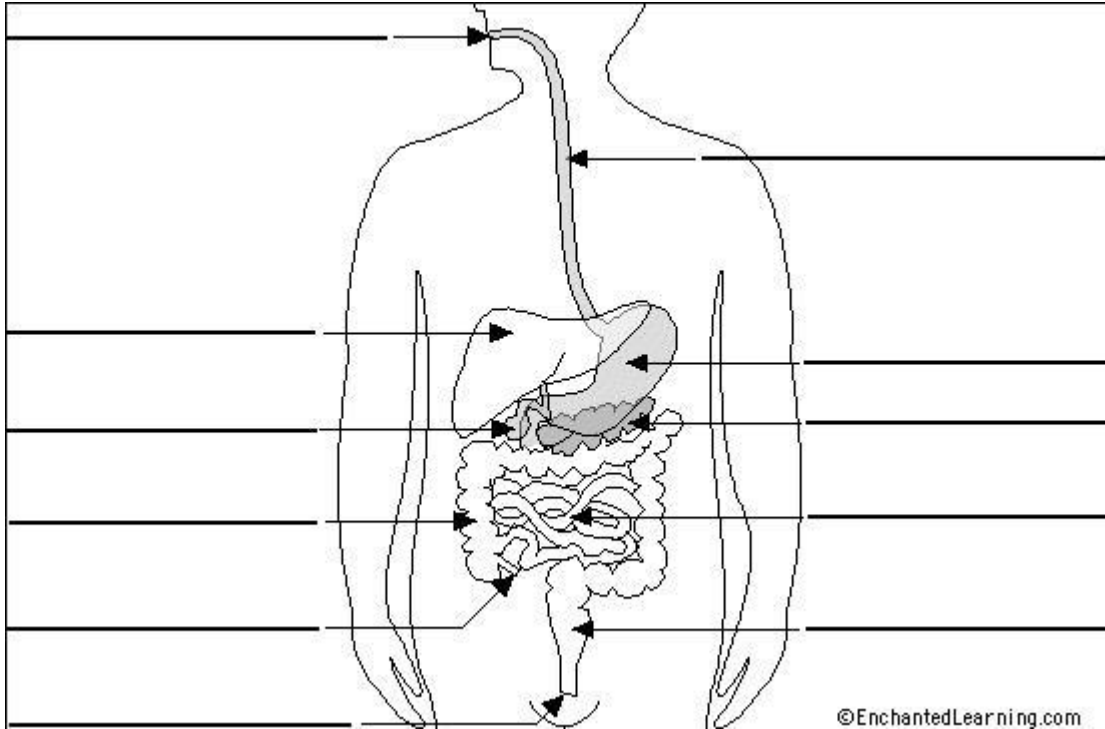


**Grade 10 Science – Biology Review.**



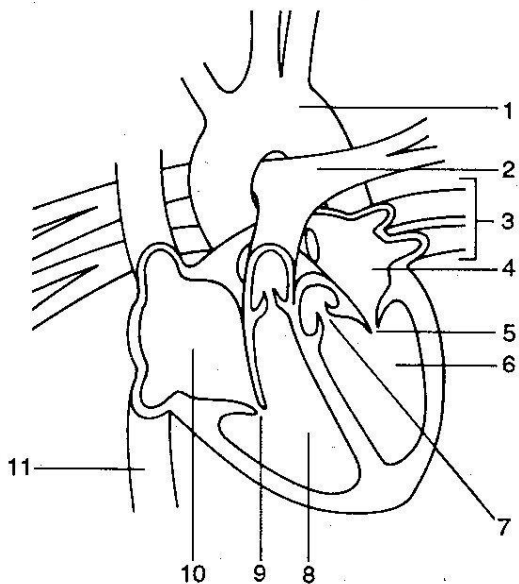
**What is the path the food will take starting at the mouth?**

**What organ of the digestive system never have food pass through them?**

**What makes the absorption of nutrients and water more efficient in the digestive system?**

**Why can we drink while upside down?**

**Where does mechanical digestion occur?**



**Why doesn't food go into our lungs while swallowing?**

**What is the path of the blood through the body starting with the pulmonary vein? State if the blood is oxygenated or deoxygenated.**

**What are the different components in the blood and what do they do?**

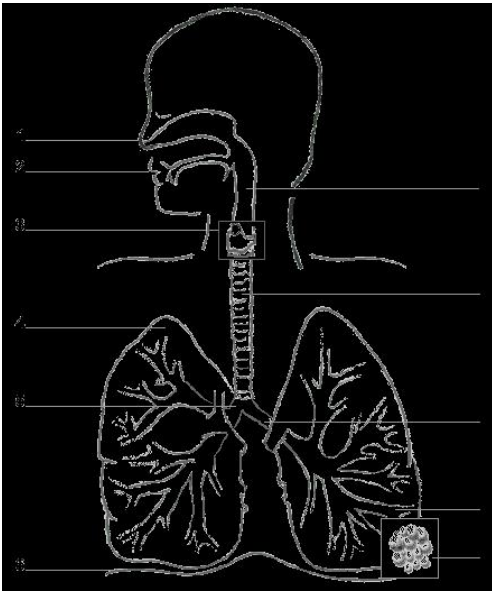
**What is chemical digestion?**

**What are carbohydrates, proteins and fats broken down into?**

**What are the 4 main functions of the circulatory system.**

**Explain the structural differences between veins and arteries.**

**Where in the circulatory system does the blood exchange nutrients/water/waste with the cells?**



**What is the path that air travels starting at the mouth/nose?**

**Why is the trachea made of cartilage?**

**Where does the gas exchange take place between the respiratory and circulatory systems?**

**What is diffusion**

**How is the gas exchange process different in fish with their gills compared to humans? Please don't tell me that they breathe water.**

**How/why do we burp?**

**What the 3 types of muscles used for?**

**What are the 4 connective tissues for?**

**What is the difference between the epithelial cells?**

**Review the medical imaging technologies and when/where they may be used.**

**What the 3 types of muscles used for?**

**What are the 4 connective tissues for?**

**What is the difference between the epithelial cells?**

**Review the medical imaging technologies and when/where they may be used.**

**What is the difference between a ligament and a tendon.**

**What is the difference between the CNS and PNS**

**Pg 107 #1-7, Pg 115 #1,2,3,5,6,8**