

# Study Guide for Test over the Circulatory, Respiratory, and Excretory Systems

## Circulatory (Cardiovascular)

- What does the cardiovascular system consist of?
- What are the functions of the circulatory system?
- How does blood pressure change as it travels from the heart?
- Know the parts of the heart and their functions.
- Know the path of blood through the circ. system.
- What instrument is used to measure blood pressure?
- What causes pulse?
- What are the components of blood?
- What do red blood cells do? White blood cells? Platelets? Plasma?
- Know the blood types and blood type interactions.
- What determines blood type?
- What is hypertension? Atherosclerosis?

## Respiratory

- What are the functions of the respiratory system?
- Why do we need oxygen?
- Know the formula for cellular respiration.
- What path does air follow to get to the lungs?
- Where does gas exchange occur?
- How does gas exchange occur?
- How does breathing occur?
- How does the voice work?
- What type of drug is nicotine?

## Excretory

- What are the functions of the excretory system?
  - What are the structures in the excretory system?
  - What waste product is the kidney filtering out?
  - What is found in normal urine? Abnormal urine?
  - What other organs are also considered part of the excretory system?
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- Be prepared to compare and contrast any two parts of a system.
  - Be prepared to explain the functions of any part of a system.
  - Be prepared to recognize and identify structures on a diagram of a system or system part.