

# Bio2\_HumanAnatomy.pdf

## Page 1 – Human Body Systems

1. Name the four chambers of the human heart.
2. What is the function of the lungs?
3. What are nephrons?
4. What is the function of the liver?
5. What are the main bones in the leg?
6. Name three types of muscles.
7. What is the function of the spleen?
8. What are alveoli?
9. Name a major artery in the body.
10. What is the function of the pancreas?

## Page 2 – Skeletal System

1. How many bones are in the adult human body?
2. What is the femur?
3. Name two functions of the skeleton.
4. What is cartilage?
5. Name the bones in the arm.
6. What is the cranium?
7. What is a joint?

8. What is bone marrow?
9. What is the function of ligaments?
10. Name the vertebrae regions.

### **Page 3 – Muscular System**

1. What is skeletal muscle?
2. Define smooth muscle.
3. What is cardiac muscle?
4. What is muscle contraction?
5. What is the role of actin and myosin?
6. What is a sarcomere?
7. What is muscle fatigue?
8. What is a tendon?
9. What is muscular dystrophy?
10. Name one involuntary muscle.

### **Page 4 – Nervous System**

1. What is a neuron?
2. What is the function of the brain?
3. What is the spinal cord?
4. What is an axon?
5. What is a dendrite?
6. What is the myelin sheath?

7. What is the function of neurotransmitters?
8. What is the central nervous system?
9. What is the peripheral nervous system?
10. What is a reflex?

### **Page 5 – Circulatory System**

1. What is blood pressure?
2. Name the components of blood.
3. What is the function of red blood cells?
4. What is hemoglobin?
5. What are platelets?
6. What is plasma?
7. What is the function of arteries?
8. What are capillaries?
9. What is a vein?
10. What is a heart valve?

### **Page 6 – Respiratory System**

1. What is respiration?
2. What is the trachea?
3. What is the diaphragm?
4. What is the function of bronchi?
5. What are alveoli?

6. What is gas exchange?
7. What is tidal volume?
8. What is vital capacity?
9. What is asthma?
10. What is pneumonia?

### **Page 7 – Digestive System**

1. What is peristalsis?
2. What is the function of the stomach?
3. What is the small intestine?
4. What is bile?
5. What is the function of the large intestine?
6. What are villi?
7. What is the role of the pancreas in digestion?
8. What is absorption?
9. What is an ulcer?
10. What is lactose intolerance?

### **Page 8 – Excretory & Immune Systems**

1. What is the function of the kidneys?
2. What is a nephron?
3. What is urine?
4. What is dialysis?

5. What is the immune response?
6. What are lymph nodes?
7. What is the function of white blood cells?
8. What is an antigen?
9. What is an antibody?
10. What is a vaccine?

### **Page 9 – Endocrine & Reproductive Systems**

1. What are hormones?
2. What is the function of the thyroid gland?
3. What is insulin?
4. What is puberty?
5. Name two male reproductive organs.
6. Name two female reproductive organs.
7. What is fertilization?
8. What is ovulation?
9. What is menopause?
10. What is gestation?

### **Page 10 – Human Anatomy Review**

1. Name the five senses.
2. What is homeostasis?
3. What is negative feedback?

4. What is metabolism?
5. What is the function of skin?
6. What is a pathogen?
7. Name a function of the liver besides digestion.
8. What is blood clotting?
9. What is the function of the hypothalamus?
10. Name a disorder of the nervous system.