**Human Body Systems**

Using pages 144-174 in your biology book, (especially the table on pgs. 173-174) find the function(s) and the main organ(s) for the following body systems.

|  |  |  |  |
| --- | --- | --- | --- |
| **SYSTEM** | **FUNCTION(S)** | **MAJOR ORGANS** | **Role in Homeostasis** |
| **NERVOUS** |  |  |  |
| **CIRCULATORY** |  |  |  |
| **RESPIRATORY** |  |  |  |
| **SKELETAL** |  |  |  |
| **MUSCULAR** |  |  |  |
| **DIGESTION** |  |  |  |
| **ENDOCRINE** |  |  |  |
| **LYMPHATIC** |  |  |  |
| **EXCRETORY** |  |  |  |
| **INTEGUMENT-ARY** |  |  |  |
| **REPRODUC-TIVE** |  |  |  |

**Additional Organ Systems Notes**

**Nervous System**

Nerve Cells and Nerve impulses:

Axon-

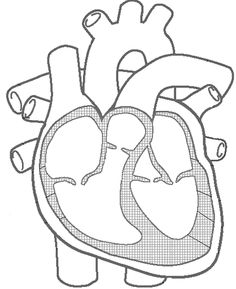
Central Nervous System (CNS)-

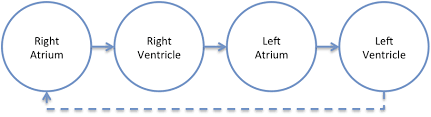
Peripheral Nervous System (PNS)-

Nervous System Diseases:

**Circulatory System**

Heart and Heartbeat:



Direction of Blood Flow:

Artery-

Vein-

Capillary-

Circulatory System Diseases:

**Respiratory System**

How do we breathe?

Bronchi-

Alveoli-

Respiratory System Diseases:

**Skeletal System**

Joints:

Ball & Socket –

Hinge –

Sliding –

Ligaments-

Tendons-

Cartilage-

Bone Marrow-

Skeletal System Diseases:

**Muscular System**

Muscle Fibers:

Tendons -

Cardiac Muscle-

Where it is found:

Smooth Muscle-

Where it is found:

Skeletal Muscle-

Where it is found:

Voluntary Muscle-

Involuntary Muscle-

Muscular System Diseases: