Muscular/Skeletal/Nervous Systems

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period:\_\_\_\_\_\_\_\_

**Directions: Place the word next to the definition USING YOUR STUDY GUIDE!**

1.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ made up of living tissues formed into different layers. Outer layer is hard, densely packed, compact bone.

2.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ a strong flexible connective tissue that can also act as a cushion between two bones.

3.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ process by which bone is formed, renewed, and repaired.

4.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ band of fibrous, slightly elastic connective tissue that attaches one bone to another.

5.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ a fibrous cord that attaches muscle to the bone.

6.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ muscles attached to bone that cause body movements.

7.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ muscle that closes a joint.

8.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ a type of striated muscle that forms the wall of the heart.

9.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ muscle that opens a joint.

10.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ muscles that act on the lining of the body’s passageways and hollow internal organs.

11.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ occurs when ligaments and tendons in the wrist swell.

12\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or inflammation of a tendon.

13.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ occurs when a organ or tissue protrudes through an area of weak muscle.

14.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is an inherited disorder in which skeletal muscle fibers are progressively destroyed.

15.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are areas of discolored skin that appear after an injury, usually a blow to the body.

16.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ consisys of the brain and spinal cord.

17.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ gathers information from inside and outside the body.

18.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or nerve cells transmit messages to and from the spinal cord an brain.

19.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_largest and most complex part of the brain.

20.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are branched structure that extend from the cell body in most neurons.

21.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ transmit impulses away from the cell body toward another neuron, muscle cell or gland.

22.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ second largest part of the brain.

23.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ regulates heartbeat, respiratory rate, and reflexes like coughing and sneezing.

24.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ a 3 inch long stalk of nerve cells and fibers that connects the spinal cord to brain.

25.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ controls eyeball movement, pupil size, and the reflexive response of turning the head.

26.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ relays incoming sensory impulses from the eyes, ears, and pressure receptors in the skin.

27.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ helps regulate breathing and controls the muscles of the eyes and face.

28.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ regulates body temperature, appetite, sleep, and controls secretions from the pituitary gland, affecting metabolism, sexual development, and emotions.

29.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is an inflammation of the spinal cord and cranial meninges caused by bacterial or viral infection.

30.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ a disorder of the nervous system that characterized by recurrent seizures, sudden episodes of uncontrolled electrical activity of the brain.