

Name: \_\_\_\_\_ Date: \_\_\_\_\_

### Muscular System Quiz

1. These are striated muscles  
A. skeletal      B. cardiac      C. smooth  
D. A & B      E. B & C
2. This type of muscle tissue is located in the walls of hollow internal structures such as stomach, blood vessels, & air ways  
A. skeletal muscle tissue      C. smooth muscle tissue  
B. cardiac muscle tissue      D. both A & C
3. The muscles \_\_\_\_\_ is its attachment to the more moveable bone  
A. insertion      C. extension  
B. origin      D. flexion
4. For muscles contractions to occur, they body needs  
A. Tendons & joints      C. ATP & calcium  
B. Mitochondria & X chromosomes      D. Sodium & calcium
5. Which is NOT a function of muscles?  
A. cause movement      C. produce heat  
B. absorb nutrients      D. maintain posture
5. If a striation of a muscle is going straight it is called?  
A. rectus      C. transversus  
B. oblique      D. minimus
7. How many times does the muscle attach to the origin for your triceps?  
A. 2      B. 3      C. 4      D. 5
3. A muscle cell is called?  
A. myocyte      C. fascicle  
B. myofibril      D. sarcolemma membrane
3. In what way does a muscle contract?  
A. towards the origin  
B. away from the origin
10. During muscle contraction a nerve stimulates a chemical called a neurotransmitter, specifically, \_\_\_\_\_ which causes the muscle fibers to pull in Na<sup>+</sup> ions into the muscle cell, creates a strange charge called an action potential.  
A. acetylcholine      B. endorphin  
C. dopamine      D. neurons
11. What is the movement that straightens a joint or increases the angle between two bones?  
A. flexion      B. abductor      C. extension      D. rotation
12. What is the movement that carries an appendage/part toward the midline?  
A. rotation      B. abductor      C. adduction      D. flexion
13. The biceps brachii is associated with that region?  
A. femur      B. abdominal      C. on brachial region      D. hamstring

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