

Name: _____ Date: _____

1. A tendon
 - A) attaches a muscle to a bone.
 - B) is an extension of the fused endomysium, perimysium and epimysium of a muscle.
 - C) contains parallel bundles of collagen fibers.
 - D) A and B are correct.
 - E) A, B and C are correct.

2. Which of the following does NOT happen during a muscle contraction?
 - A) The myosin heads bind to actin.
 - B) The myosin heads pull the thin filaments toward the M line.
 - C) The sarcomere shortens.
 - D) The myofiber and the muscle itself shorten.
 - E) The thick and thin filaments shorten.

Use the following to answer questions 3-5.

Choose the answer that best matches the description or term.

- A) contractility
- B) elasticity
- C) electrical excitability
- D) extensibility
- E) thermogenic

3. property allowing muscle tissue to return to its original shape

4. property allowing muscle to shorten forcefully when stimulated by an action potential

5. function of muscle; heat generation

6. An instructor raises his eyebrows because he is very surprised by a student's comment in class. Which of the following muscles is involved in his surprised expression?
 - A) orbicularis oculi
 - B) occipitofrontalis
 - C) depressor labii inferioris
 - D) buccinator
 - E) corrugator supercilii

7. Each of the following lies in the anterior triangle of the neck EXCEPT
- A) the submandibular gland.
 - B) the internal jugular vein.
 - C) the external jugular vein.
 - D) the common carotid arteries.
 - E) the cranial nerves IX, X, XI and XII.
8. Which muscle does NOT dorsiflex the foot?
- A) tibialis anterior
 - B) fibularis (peroneus) longus
 - C) extensor digitorum longus
 - D) extensor hallucis longus
 - E) fibularis (peroneus) tertius

Use the following to answer questions 9-11.

Choose the answer that best matches the description or term.

- A) action
- B) belly
- C) insertion
- D) origin
- E) tendon

9. part of muscle between tendons
10. role of the part of the biceps brachii attached to humerus when forearm is flexed on arm
11. role of the part of the quadriceps femoris attached to the tibia when the leg is extended on the thigh

Answer Key - Untitled Exam-2

1. E
2. E
3. D
4. A
5. E
6. B
7. C
8. B
9. B
10. D
11. C