Chapter 10 Quiz 1

1. Which of the following is located in the middle of a first-class lever?
   1. load
   2. effort
   3. resistance
   4. muscle
   5. fulcrum
2. As part of a lever system, a joint plays the role of
   1. weight
   2. effort
   3. resistance
   4. fulcrum
   5. load
3. A pinnate fascicle arrangement resembles a
   1. feather
   2. spindle
   3. sphere
   4. triangle
   5. circle
4. In terms of muscle action, a synergist
   1. aids the action of an agonist
   2. places the role of a fulcrum in a lever system
   3. is a type of sphincter muscle
   4. pushes against the effort
   5. opposes the action of an agonist
5. A convergent fascicle arrangement resembles a
   1. circle
   2. spindle
   3. feather
   4. sphere
   5. triangle
6. Fixators
   1. aid the action of agonist
   2. aid the action of antagonists
   3. hold structures immobile
   4. oppose the action of agonists
   5. opposed the action of synergists
7. The epicranius is composed of the
   1. zigomaticus and risorius
   2. mentalis and buccinators
   3. temporalis and masseter
   4. auricularis and orbicularis
   5. frontalis and occipitalis
8. The agonist of jaw closure is the
   1. mentalis
   2. mandibularis
   3. masseter
   4. maxilaris
   5. auricularis
9. Which muscles are the major head flexors?
   1. frontalis and occipitalis
   2. masseter muscles
   3. sternocleidomastoid muscles
   4. quadradutus lumborum
   5. biceps capitis muscles
10. The most important inspiratory muscle(s) is/are the
    1. diaphragm
    2. scalene
    3. thoracicis
    4. internal intercostals
    5. sternocleidomastoid muscle
11. The prime movers of shoulder elevation are the
    1. pectoralis major and pectoralis minor
    2. trapezius and depressor scapulae
    3. teres major and supraspinatus
    4. serratus anterior and pectoralis minor
    5. trapezius and levator scapulae
12. The muscle antagonistic to the pectoralis muscles in flexion extension movements of the arm is the
    1. supraspinatus
    2. teres major
    3. latissimus dorsi
    4. quadriceps brachii
    5. infrapinatus
13. The agonist of forearm extension is the
    1. triceps brachii
    2. teres major
    3. pronator teres
    4. brachioradialis
    5. biceps brachii
14. The agonist of thigh flexions is the
    1. sartorius
    2. rectus femoris
    3. gluteus maximus
    4. iliopsoas
    5. quadriceps femoris
15. The sole knee extensor is the
    1. Sartorius
    2. iliopsoas
    3. gluteus maximus
    4. rectus femoris
    5. quadriceps femoris

Answer Key:

1.E 2.D 3.A 4.A 5.E 6.C 7.E

8. C 9.C 10.A 11.B 12.C 13.A 14.D

15. E