

Test bank for Muscles of the L.limb

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1. Which statement about the iliopsoas muscle is correct?

- A) The origin of the iliacus muscle is the lesser trochanter of the femur.
- B) The Psoas Major muscle inserts into the iliac fossa.
- C) The action of the iliopsoas muscle is to extend the thigh.
- D) Psoas Major flexes the trunk on the thigh if the thigh is fixed.

2. Which of the following statements is incorrect?

- A) The Sartorius muscle flexes, abducts, and laterally rotates the thigh.
- B) The Sartorius muscle medially rotates the thigh.
- C) The Sartorius muscle laterally rotates the thigh.
- D) The Sartorius muscle flexes and medially rotates the knee.

3. Which muscle is responsible for extending all four toes?

- A) Hallucis
- B) Digitorum
- C) Tibialis
- D) Peroneus

4. Which compartment of the thigh is responsible for flexion of the thigh?

- A) Anterior compartment
- B) Medial compartment
- C) Posterior compartment
- D) posterior and Medial compartment

5. Which motor nerve supplies the posterior compartment of the thigh?

- A) Femoral nerve
- B) Obturator nerve
- C) Sciatic nerve
- D) ulnar nerve
- E) All of the above

6. How many muscles are there in the lateral compartment?

- a) One
- b) Two
- c) Three
- d) Four

7. Which of the following statements is INCORRECT regarding the innervation of muscles in the posterior compartment of the thigh?

- A) Biceps femoris (long and short heads)are innervated by the Tibial branch of the Sciatic nerve.
- B) Adductor Magnus (Ischial head) is innervated by the Tibial branch of the Sciatic nerve.
- C) Semitendinosus is innervated by the Tibial branch of the Sciatic nerve.
- D) Short head of biceps femoris is innervated by the common peroneal branch of the Sciatic nerve.

8. Which of the following statements about the Deep Group muscles is CORRECT ?

- A) Popliteus flexes and unlocks the knee.
- B) Popliteus extends the knee.
- C) Popliteus abducts the knee.
- D) Popliteus adducts the knee.

9. Which of the following statements is INCORRECT regarding the innervation of the gluteal muscles?

- A) All gluteal muscles are innervated by the Superior gluteal nerve.
- B) The gluteus maximus is innervated by the inferior gluteal nerve.
- C) The gluteus medius is innervated by the Superior gluteal nerve.
- D) The gluteus minimus is innervated by the Superior gluteal nerve.
- E) All statements are correct

10. Which of the following statements is INCORRECT regarding the muscles of the anterior compartment?

- A) All muscles contribute to dorsiflexion of the foot.
- B) Hallucis extends the big toe.
- C) Digitorum extends all four toes.
- D) Tibialis is responsible for eversion of the foot.
- E) Peroneus is responsible for eversion of the foot.

11. Which of the following muscles is NOT part of the medial compartment of the thigh?

- a) Adductor longus
- b) Gracilis
- c) Adductor magnus (pubic head)
- d) Adductor magnus (Ischial head)

12. What is the main action of the Fibularis (peroneus) brevis muscle?

- A) Dorsiflexion and inversion of the foot
- B) Plantarflexion and eversion of the foot
- C) Dorsiflexion and eversion of the foot
- D) Plantarflexion and inversion of the foot

13. Where does the insertion of the superficial group muscles occur?

- A) Tibia
- B) Femur
- C) Tendo calcaneus into of Calcaneus bone
- D) Fibula

14. Which muscle of the quadriceps femoris group also flexes the thigh?

- A) Vastus intermedius
- B) Vastus lateralis
- C) Vastus medialis
- D) Rectus femoris

15. Which statement about the quadriceps femoris group is incorrect?

- A) It has four heads with different origins.
- B) All heads have the same insertion.
- C) Rectus femoris is responsible for knee flexion
- D) The action of the quadriceps femoris is to extend the knee.

1- D

8- A

15- C

2- B

9- A

3- B

10- D

4- A

11- D

5- C

12- B

6- B

13- C

7- A

14- D

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