

Lower Limb Anatomy Quiz PDF

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Which nerve is the largest in the human body?

- Femoral nerve
- Sciatic nerve
- Obturator nerve
- tibial nerve

Which muscle is primarily responsible for hip extension?

- Gluteus maximus
- Quadriceps
- Hamstrings
- Gastrocnemius

What is the primary function of the anterior tibialis muscle?

- Plantarflexión
- Dorsiflexión
- Inversion
- Eversion

What type of joint is the knee?

- Ball and socket
- Hinge
- Pivot
- Saddle

Describe the phases of the gait cycle and their significance in walking.

Which of the following are common injuries of the knee? (Select all that apply)

- ACL tear
- Meniscus tear
- Rotator cuff tear
- MCL sprain

Which of the following bones are part of the pelvic girdles? (Select all that apply)

- Ilium
- Ischium
- Pubis
- Femur

Which muscles are part of the hamstring group? (Select all that apply)

- Biceps femoris
- Semitendinosus
- Semimembranosus
- Rectus femoris

What is the primary movement of the quadriceps muscle group?

- Knee flexión
- Knee extension
- Hip abduction
- Hip adduction

Discuss the anatomical differences between the tibia and fibula and their respective roles in the leg.

Explain the role of the sciatic nerve in lower limb function and what happens when it is damaged.

Which bone is the longest in the human body?

- tibia
- Femur
- Fibula
- Humerus

Which artery is the main supplier of blood to the thigh?

- Popliteal artery
- Femoral artery
- Anterior tibia artery
- Posterior tibia artery

What are the potential complications of a femoral fracture, and how might they be addressed clinically?

Which arteries supply blood to the lower leg and foot? (Select all that apply)

- Anterior tibialis artery
- Posterior tibialis artery
- Popliteal artery
- Radical artery

Which of the following is not a bone in the foot?

- Talus
- Calcaneus
- Scapula
- Navicular

Which movements are possible at the hip joint? (Select all that apply)

- Flexión
- Extension
- Abduction
- Rotation

Which nerves innervate the thigh? (Select all that apply)

- Sciatic nerve
- Femoral nerve
- Obturator nerve
- Median nerve

How do the muscles of the lower limb contribute to maintaining balance and posture?

Outline the process of blood circulation in the lower limb, starting from the heart.