

## Anatomy MCQs Week 11

### 1. In the thigh:

- A. The quadriceps muscles are supplied by the femoral nerve derived from the anterior divisions of L2,3,4
- B. The obturator nerve is derived from the anterior divisions of L2,3,4 and gives a constant supply to pectineus
- C. The straight head of rectus femoris on the pelvic girdle stabilises the hip joint and allows the erect posture of man
- D. The fibres of vastus medialis are the least important factor in preventing lateral dislocation of the patella
- E. In the upper part of the adductor canal, the femoral vein lies posterior to the artery with the saphenous nerve and the nerve to vastus medialis

### 2. The following are hip adductors EXCEPT:

- A. Adductor Longus
- B. Pectineus
- C. Gracilis
- D. Adductor Magnus
- E. Obturator Externus

### 3. The femoral nerve:

- A. Is formed by the anterior divisions of the anterior rami of L2,3,4
- B. Lies on psoas, medial to the femoral sheath
- C. Has the lateral circumflex femoral artery passing between its branches
- D. Divides into four muscular branches and three cutaneous branches
- E. Contributes to subsartorial plexus through the sural nerve

**4. Which of the following statements about the hip joint is TRUE?**

- A. The joint is least stable when flexed and adducted
- B. It has comparable movement and stability to the shoulder joint
- C. The pubofemoral ligament contributes most to capsule strength
- D. It communicates with the iliac bursa in 50% of cases
- E. Psoas and iliacus produce lateral rotation

**5. Which of the following statements about the femoral sheath is FALSE?**

- A. The anterior wall of the sheath is pierced by the genital branch of the genitofemoral nerve
- B. The femoral nerve enters the thigh outside the femoral sheath
- C. It is derived from the transversalis fascia in front and the psoas fascia behind
- D. A femoral hernia enters the femoral canal through the femoral ring
- E. The femoral canal is widest at its abdominal end

**6. Gluteus maximus:**

- A. Is inserted into the greater trochanter of the femur
- B. Is supplied by the superior gluteal nerve
- C. Forms the gluteal fold
- D. Provides support to the extended knee
- E. Has four bursae lying beneath it.

**7. Which of the following statements about the sciatic nerve is FALSE?**

- A.** It emerges from below piriformis, lateral to the inferior gluteal nerve.
- B.** It is derived from L4,5 S1,2,3
- C.** It tibial and common peroneal components usually separate in the lower part of the popliteal fossa.
- D.** It usually lies midway between the greater trochanter and the ischial tuberosity.
- E.** It lies in contact with bone during part of its course.

### **Answers Anatomy Week 11**

1. C

2. E

3. C

4. A

5. A

6. D

7. C