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Subject: Human Anatomy II

Instructor: Dr. Arooba.

Class: Dental Technology, 2nd semester

Section: B

MidTerm Assignment, Spring 2020.

Total marks: 30.

Select the best option.

1. A muscle known for tailor master:

- A. Iliacus
- B. Psoas major
- C. Sartorius
- D. Pectineus

2. Which of the quadricep femoris muscles performs extension as well as flexion?

- A. Vastus lateralis
- B. Vastus medialis
- C. Vastus intermedias
- D. Rectus femoris

3. Which of the following muscles crosses two joints?

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

4. It is the largest and longest bone of the body:

A. Hip bone

B. Femur

C. Vertebra

D. Tibia

5. It is the union of three bones:

A. Sternum

B. Femur

C. Hip bone

D. Tibia

6. The true foot drop occurs because of:

A. Sciatic nerve

B. Common peroneal nerve

C. Tibial nerve

D. Posterior cutaneous nerve

7. Peripheral hearts are located in:

A. Thorax

B. Abdomen

C. Thigh

D. Leg

8. Which of the following structure does not take part in the formation of the knee joint?

A. Condyle of tibia

- B. Head of fibula
- C. Medial femoral condyle
- D. Lateral femoral condyle

9. It is inserted to the quadrate tubercle:

- A. Quadriceps femoris
- B. Quadratus plantae
- C. Quadratus femoris
- D. Rectus femoris

10. How many tarsal bones are there?

- A. 12
- B. 14
- C. 16
- D. 18

Give brief answers to the following questions. Add diagrams/ picture where needed.

Each question carries 5 marks.

1. GIVE REASONS:

- a) Why hip joint is more stable than shoulder joint?
- b) Why flexor compartment of lower limb is directed posteriorly?
- c) Why varicose veins are more common in prolonged standing working persons?

2. What do you know about the ligaments of hip joint?

3. Write a note on the movements and stability of talocrural joint.

4. Write a note on the transverse arch of the foot.

A – Because increases in depth and larger articular surface stronger ligaments and muscles and thick capsule less dislocated than shoulder

B- because of embryological rotation

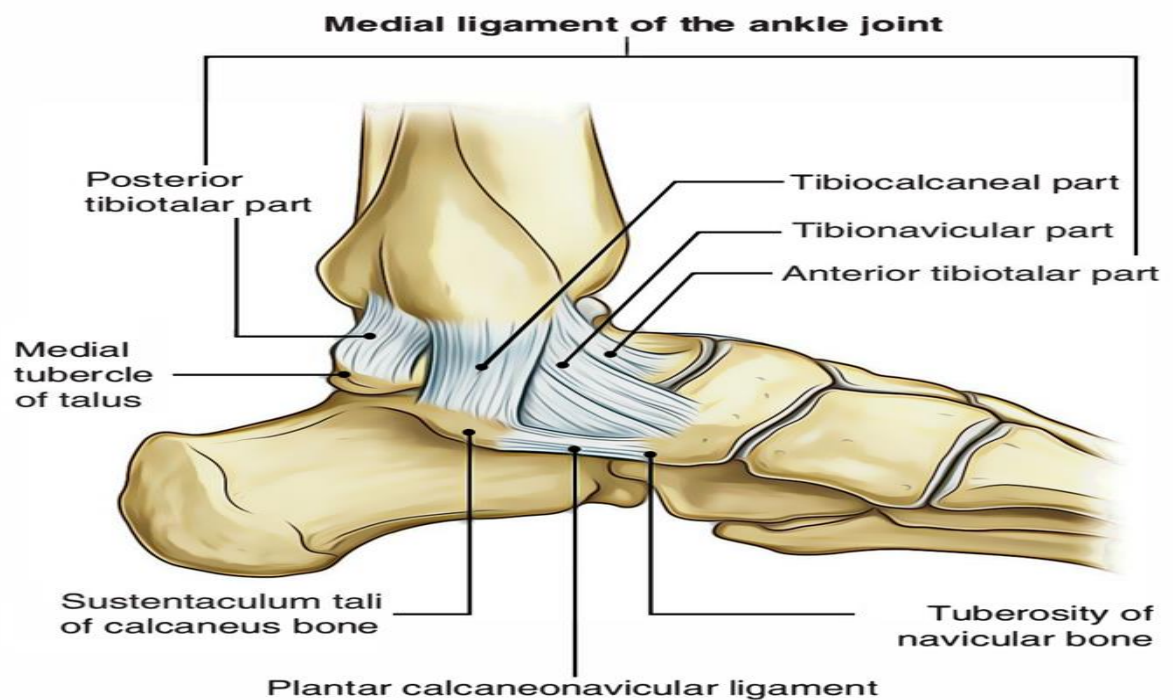
C- Due to increase of pressure on veins which leads to pooling of blood in veins and damage to vein valves

2- Extracapsular :iliofemoral ischiofemoral and pobofemoral.and one intracapslar

And the most notable ligament in hip joint it keeps the hip from hyper extension

3

The talocrural joint is formed between the distal tibia and fibula and the talus and commonly known as the ankle joint it is the hinge joint and allows for dorsiflexion and plantarflexion movement in the sagittal plane and the geometry of the talocrural joint, with its oblique rotation axis and the specific shape of the talus causes that when the talus is moved in its largest anterior position, the joint was more



unstable in plantarflexion

4- The transverse arch is located in coronal plane of foot .it is formed by the metatarsal bases the cuboid and the three cuneiform bones. It have muscular support: tibialis posterior and fibularis longus

