

Class : I UG
Major : BPT

Time: 2 hours
Max. Marks: 60

22BPTC06 – Anatomy -II

Course Outcomes

- CO1: Understand the anatomical knowledge of lower extremities.
CO2: Knowledge anatomical knowledge of trunk and thorax.
CO3: Understand the structural and functional importance abdomen and pelvis.
CO4: Knowledge Basic neuroanatomy.
CO5: Learn about the cardiovascular system, lymphatic system and respiratory system.

Part A

Choose the correct answer

6x1=6

1. The inguinal ligament runs between the
a) Pubic symphysis and the inferior iliac spine
b) Anterior and posterior superior iliac spines
c) Left and right iliac tubercles
d) Anterior superior iliac spine and pubic tubercle
CO1 K1
2. The biceps femoris muscle originates from
a) ischial tuberosity
b) head of the fibula
c) Knee joint
d) pubis
CO1K1
3. The largest nerve of the body is
a) Sural nerve
b) Sciatic nerve
c) Femoral nerve
d) Radial nerve
CO1K1
4. The quadriceps femoris muscle
a) Extends the knee
b) Flexes the knee
c) Extends the hip
d) Rotates the knee
CO1K1
5. The number of pairs of costal cartilages usually attached to the sternum is
a) Six
b) Seven
c) Eight
d) Nine
CO2K1
6. Vertebral formula of vertebral column of human being
a) C7 T13 L4 S5 Co4
b) C7 T12 L5 S5 Co4
c) C7 T13 L5 S5 Co4
d) C8 T12 L5 S5 Co4
CO2K1

Part – B

Answer the following

Answer should not exceed 400 words or two pages

3x6=18

7. a. Popliteal fossa (or)
b. femoral nerve
CO1K1
CO2K1
8. a. Explain hamstring muscles (or)
b. Explain muscles of thorax
CO1K2
CO2K2
- 9.a. Explain vertebral column(or)
b. Explain about Gluteal region
CO2K1
CO1K2

Part C

Answer the following

3 x 12 = 36

Answer should not exceed 800 words or four pages

10. a. Describe the hip joint under following headings
i) Type of joint and articulating surface. ii) Capsule and ligament. iii) Movement and muscle responsible iv) applied anatomy (or)
CO1K1
- b. Explain posterior abdominal wall. Origin, insertion and their action with respective diagram for each.
CO3K2
11. a. Describe the knee joint under following headings i) Type of joint and articulating surface ii) Capsule and ligament. iii) Movement and muscle responsible iv) applied anatomy
CO1K2
- b. Explain the general and regional arrangements of the lymphatic system and the lymphatic organs and mention their location.
CO5K2
12. a. Explain in detail about femoral triangle location, boundaries, contents and applied anatomy (or)
CO1K2
- b. List the muscles of anterior abdominal wall. Origin, insertion and their action with respective diagram for each.
CO3K3