



**Avinashilingam Institute for Home Science and Higher Education for Women
Coimbatore- 641043.**

**Continuous Internal Assessment Test –II April- 2025
SEMESTER - II**

**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

6x1=6

Choose the correct answer

- Which of the following structures is primarily responsible for the production of cerebrospinal fluid (CSF) CO4K1
 - Medulla Oblongata
 - Choroid Plexus
 - basal ganglia
 - thalamus
- Which part of the brain is primarily responsible for regulating basic vital functions such as heart rate, blood pressure, and respiration CO4K1
 - Cerebellum
 - Medulla Oblongata
 - Hippocampus
 - Thalamus
- The valve between the left ventricle and the blood vessel leaving the left ventricle is the: CO5K1
 - Bicuspid valve.
 - Tricuspid valve.
 - Pulmonary semilunar valve.
 - Aortic semilunar valve.
- The second heart sound, described as "dupp" is actually the sound of the CO5K1
 - Atria contracting.
 - Ventricles contracting.
 - Atrioventricular valves closing.
 - Semilunar valves closing.
- The cranial nerve that regulates the heartbeat CO4K1
 - VII
 - VIII
 - IX
 - X
- Which of the following membranes encloses lungs CO5K1
 - Pleural membrane
 - Pericardium
 - Perichondrium
 - Periosteum

Part B

3 x 6 = 18

Answer the following

Answer should not exceed 400 words or two pages

- a. Explain blood supply of heart. (or) CO5K1
- b. Write a note on vertebral column. CO4K1
- a. Explain CSF. (or) CO4K2
- b. Explain hilum of lungs. CO5K2
- a. Explain position of spleen and its relation. (or) CO5K1
- b. Explain about arches of the foot. CO1K2

Part C

3 x 12 = 36

Answer the following

Answer should not exceed 800 words or four pages

- a. Describe in detail about the Ankle joint under the following headings. CO1K2
 - Type and variety
 - Articulating bones
 - Ligaments
 - Blood supply and nerve supply
 - Movement and muscles responsible.
 - Applied Anatomy.(or)
- b. Describe the anatomy of spinal cord CO4K2
- a. Explain in detail about lymphatic organs, its location and its function (or) CO4K2
- b. Explain the Write in detail about the external features of Heart, its blood supply, nerve supply and its applied aspects. CO5K3
- a. Explain the cranial nerves in order (or) CO4K2
- b. Explain in detail about lung. (Coverings, external features, impressions, blood supply and Broncho pulmonary segments). CO5K2

Copies : 35

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