

- 4 APR 2025

25673

SEAT NO. \_\_\_\_\_

**FIRST PROFESSIONAL B.H.M.S. EXAMINATION**  
**HUMAN ANATOMY: PAPER - II**  
**SUBJECT CODE: HOM UG-AN**

**TIME: 3 HOURS**

**TOTAL MARKS: 100**

- INSTRUCTIONS:** 1. ATTEMPT ALL THE QUESTIONS.  
2. DRAW DIAGRAMS WHEREVER NECESSARY.  
3. FIGURES IN RIGHT INDICATES FULL MARKS

**Q – 1 Multiple Choice Questions.**

**10**

- 1) Femoral nerve is branch of:  
A) Cervical plexus  
B) Sacral plexus  
C) Brachial plexus  
D) Lumbar plexus
- 2) \_\_\_\_\_ is the medial boundary of femoral triangle.  
A) Medial border of adductor longus  
B) Lateral border of adductor longus  
C) Popliteus  
D) Medial border of sartorius
- 3) Covering of lung is called:  
A) Pericardium  
B) Peritoneum  
C) Pleura  
D) Meninges
- 4) \_\_\_\_\_ is located in superior mediastinum.  
A) Ascending aorta  
B) Arch of aorta  
C) Abdominal aorta  
D) Descending aorta
- 5) Trachea divides at level of \_\_\_\_ vertebrae.  
A) T1  
B) T2  
C) T3  
D) T4
- 6) One of the following is not a retroperitoneal structure:  
A) Ureter  
B) Spleen  
C) Pancreas  
D) Duodenum
- 7) Lower cylindrical part of the uterus is called as:  
A) Vagina  
B) Body  
C) Cervix  
D) Fundus
- 8) What are the small tunnels seen in bone?  
A) Canaliculi  
B) Trabeculae  
C) Osteoblast  
D) Lacuna
- 9) Which is largest leukocyte?  
A) Neutrophil  
B) Basophils  
C) Monocytes  
D) Eosinophils
- 10) Which cell is involved in bone resorption?  
A) Osteoclasts  
B) Osteocyte  
C) Osteoblast  
D) Osteon

**Q – 2 Short Answer Questions**

**40**

- 1) Biceps femoris muscle
- 2) Boundaries and contents of femoral triangle
- 3) Ligaments of hip joint
- 4) Right ventricle: external and internal features
- 5) Applied anatomy of stomach
- 6) Applied anatomy of spleen
- 7) Morphology of ovary
- 8) Microscopic structure of lymph node.

**Q – 3 Long Answer Questions**

**50**

- 1) Describe anatomy of knee joint under following headings:  
Articulating surface, ligaments, blood supply, nerve supply and movements
- 2) Describe anatomy of lungs under following headings:  
External features, explain broncho-pulmonary segment with their clinical aspect
- 3) Describe the course and distribution of right and left coronary arteries with its clinical anatomy.
- 4) Describe anatomy of uterus under following headings:  
Morphology, relations and applied anatomy
- 5) Describe morphology and applied anatomy of pancreas.