

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) Sciatic nerve is largest branch of which plexus?
[A] Lumbar [B] Brachial
[C] Sacral [D] Cervical
- (2) Popliteal artery is continuation of which artery?
[A] Femoral [B] Tibial
[C] Brachial [D] Radial
- (3) Right and left lung are separated by a space called:
[A] Pleura [B] Thoracic inlet
[C] Pericardium [D] Mediastinum
- (4) Weight of heart in adult male is about
[A] 100 gm [B] 200 gm
[C] 300 gm [D] 400 gm
- (5) The length of trachea is:
[A] 10-15 cm [B] 30-35 cm
[C] 25-30 cm [D] 40-45 cm
- (6) Number of minor calyces in a kidney is about:
[A] 7-14 [B] 2-4
[C] 14-24 [D] 28-30
- (7) Capacity of urinary bladder in adult is about:
[A] 200 ml [B] 300 ml
[C] 500 ml [D] 1000 ml
- (8) This cartilage contains yellow elastic fibers:
[A] Hyaline cartilage [B] Fibro cartilage
[C] Elastic cartilage [D] None of above
- (9) Which part connects body tube to the base in light microscope?
[A] Nose piece [B] Eye piece
[C] Coarse adjustment [D] Arm
- (10) This is not a specialized connective tissue:
[A] Cartilage [B] Blood
[C] Adipose connective tissue [D] Bone

Q - 2 Short Answer Questions.

(40)

- (1) Popliteal fossa: boundaries and contents
- (2) Ligaments of ankle joint
- (3) Applied anatomy of knee joint
- (4) Right atrium: external and internal features
- (5) Morphology and relations of ovary
- (6) Morphology of caecum
- (7) Morphology of spleen
- (8) Microscopic structure of hyaline cartilage

Q - 3 Long Answer Questions.

(50)

1. Define nerve plexus and describe lumbar plexus under following headings:
Root value, formation and branches
 2. Mention arteries supplying the heart, its course and distribution with its applied anatomy
 3. Describe anatomy of lungs under following heading:
External features, explain broncho-pulmonary segment and their clinical aspect.
 4. Describe anatomy of kidney under following headings:
Morphology and relations
 5. Describe anatomy of liver under following headings:
Morphology, ligaments and structures passing through porta hepatis
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