

First M.B.B.S (2019) Examination, (Phase - III) Winter - 2021

ANATOMY - II

Total Duration : Section A+B = 3 Hours

Section B Marks : 80

SECTION - B

- Instructions :**
- 1) Use blue/black ball point pen only.
 - 2) Do not write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates **full marks**.
 - 5) Draw diagrams **wherever necessary**,
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
 - 7) Use a common answer book for section B.

2. Brief answer question (any ten out of Eleven) : [10 × 2 = 20]

- a) Name the anatomical Planes
- b) Enumerate components of the lymphatic system.
- c) Draw a well labelled diagram of microanatomy of the hyaline cartilage.
- d) Enlist the sinuses of pericardium, name their boundaries
- e) Structures passing through aortic opening of the diaphragm.
- f) Meckel's diverticulum
- g) Visceral relations of the spleen
- h) Hepatorenal pouch
- i) Structures piercing Perineal membrane in males
- j) Iliotibial tract
- k) Dorsalis pedis artery

3. Short answer question (any Eight out of nine) : [8 × 5 = 40]

- a) Supports of uterus
- b) Modifications and functions of the deep fascia
- c) Microanatomy of the fundic part of the stomach
- d) Azygous vein
- e) Describe the formation, course and relations of the bile duct.
- f) Lesser sac of the peritoneum
- g) Obturator nerve
- h) A middle aged surgeon noted dilated tortuous veins over his calf and thigh. Those got prominent after standing for long time. Answer the following - i) Name the clinical condition (1) ii) Enumerate the predisposing factors for this condition (1) iii) Describe the tests to diagnose the condition (3)
- i) A 40 yrs old female presented with painless swelling in the upper part of right thigh inferolateral to the pubic tubercle. It was reducible and appeared on coughing. i) Identify the condition (1) ii) Describe the course of contents of this swelling with a diagram (2) iii) Which structure can be cut by the surgeon for reducing this swelling? What is the danger in it?(2)

4. Long Answer Questions (Any Two out of Three) [2 × 10 = 20]

- a) Describe the right ventricle under following heads - i) External and internal features (4) ii) Trabeculae carnae (3) iii) Development of interventricular septum (3)
- b) Describe urinary bladder under following heads - i) Gross Anatomy and relations (5) ii) Microanatomy (2) iii) Applied Anatomy (3)
- c) Describe knee joint under following heads - i) Type and articular surfaces (2) ii) Ligaments (4) iii) Locking and unlocking of knee joint (2) iv) Applied Anatomy (2)

ॐॐॐ