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01111B

Frist M.B.B.S. (2019) Examination, Phase - I Winter - 2023

ANATOMY - II

Total Duration : Section A + B = 3 Hours

Section B Marks : 80

SECTION - B

- Instructions :**
- 1) Use 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 the entire syllabus within the stipulated frame. This format is a mere guideline. Questions from the syllabus can be asked in any paper. Students can not claim that the Question is out of syllabus, as this format and distribution has been given only for the sake of placement.
 - 7) Use a common answer book for section B.

2. Brief answer question (Any 10 out of 11) : [10 × 2 = 20]

- a) Enlist the appendages of the skin.
- b) Types of cartilages with example.
- c) Draw a well labelled diagram of microanatomy of cardiac muscle.
- d) Enumerate the differences between serous and mucus acinus.
- e) Draw a well labelled diagram of base of the heart.
- f) Name the parts of pleura with their nerve supply.
- g) Enumerate lateral branches of abdominal aorta.
- h) Enlist the anterior relations of the right kidney.
- i) Name the structures palpated during digital Per Rectum Examination in male and female.
- j) What is Inguinal ligament? Give its attachments.
- k) Enlist muscles of hamstring group with their nerve supply.

01111B**3. Short answer question (any Eight out of nine) :****[8 × 5 = 40]**

- a) Describe the blood supply of a growing long bone. Add a note on its clinical importance.
- b) Lymphatic drainage of the stomach and its applied anatomy.
- c) Microanatomy of a suprarenal gland.
- d) Boundaries, contents and applied anatomy of posterior mediastinum
- e) Formation, contents and applied anatomy of rectus sheath
- f) Enlist components of the lymphatic system. Describe structure of a Lymph Node.
- g) Formation of medial longitudinal arch, factors maintaining its stability and applied anatomy.
- h) A 60 year old male chronic smoker developed a sudden chest pain in the precordial region radiating to left upper arm. **[1+2+2]**
 - i) What is the likely diagnosis?
 - ii) Why was the pain referred to left upper arm?
 - iii) What can be done to relieve the pain of the old man?
- i) In an operation of suprapubic cystotomy in an adult patient, the surgeon first inflates urinary bladder with about 300 ml of normal saline. **[2+3]**
 - i) Explain the anatomical basis of distending urinary bladder before suprapubic cystotomy
 - ii) Describe the relations of an empty urinary bladder.

4. Long Answer Questions. (Any two out of three) :**[2 × 10 = 20]**

- a) Describe bronchopulmonary segments under following heads
 - i) Definition **[1]**
 - ii) Classification and features **[5]**
 - iii) Relations with pulmonary artery and vein **[2]**
 - iv) Applied anatomy **[2]**
- b) Describe the second part of duodenum under following heads
 - i) Gross anatomy, relations, blood supply **[4]**
 - ii) Microanatomy **[2]**
 - iii) Development **[2]**
 - iv) Applied Anatomy **[2]**
- c) Describe femoral triangle under following heads
 - i) Boundaries, roof, floor **[3]**
 - ii) Femoral sheath and its contents **[5]**
 - iii) Applied Anatomy **[2]**

