

25-02-2021

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I-MBBS

This paper consists of 2 pages
First M.B.B.S. (Main) Examination (New Scheme)
February - 2021
HUMAN ANATOMY
Paper- II
Time: Three Hours
Maximum Marks: 100
Attempt all questions in both sections
(Use separate answer book for each section)

Section-A

1. Fill in the blanks:

6 x 1 = 06

- a) The _____ is key muscle of gluteal region.
- b) Lymphatics from the glans penis drain into _____ lymph nodes.
- c) The range of capacity of gall bladder _____ in ml.
- d) Normal position of uterus is _____.
- e) Left gonadal vein drain into _____.
- f) _____ is the largest branch of femoral artery.

2. Answer the following MCQ (multiple choice questions) :

4 x 1 = 04

- i) Action of Sartorius muscles includes all except-
 - a) flexion of thigh b) flexion of leg c) extension of leg d) lateral rotator of thigh
- ii) Pelvic fascia between rectum and sacrum is –
 - a) denonvillier's fascia b) colles fascia c) waldeyer's fascia d) scarpa's fascia
- iii) Transpyloric plane passes through all the following structures except-
 - a) L1 vertebra b) pylorus of stomach c) Tip of 10th Rib d) Neck of pancreas
- iv) Entry channels of heart are all except-
 - a) Superior vena cava b) Inferior vena cava c) 4 pulmonary veins d) Pulmonary trunk

3. A young female felt pain in the region of umbilicus. She had nausea, fever and increased pulse rate with leukocytosis. Later on pain was localised in her right iliac fossa. Describe the structure involved under following headings:

3 x 5 = 15

- a) Positions, blood & nerve supply.
- b) Clinical anatomy.
- c) Microanatomy.

4. Write short notes on (Any five):

5 x 2 = 10

- a) Supports of uterus
- b) Foot drop
- c) Ligaments of hip joint
- d) Microanatomy of trachea
- e) Typical intercostal space
- f) Openings in diaphragm

5. Explain briefly (Any three):

3 x 5 = 15

- a) Thoracic duct
- b) Dorsalis pedis artery
- c) Adductor canal
- d) Portocaval anastomosis

Section-B

6. Describe stomach under following headings:

4 x 5 = 20

- a) Gross features
- b) Relations
- c) Blood supply and lymphatic drainages
- d) Clinical anatomy

7. Write short notes on (Any five):

5 x 2 = 10

- a) Microanatomy of ureter
- b) Medial longitudinal arch of foot
- c) Right coronary artery
- d) Perineal body
- e) Nerve supply of urinary bladder
- f) Plantar aponeurosis

8. Explain briefly (Any four):

4 x 5 = 20

- a) Interior of right atrium
- b) Bronchopulmonary segments
- c) Coeliac trunk
- d) Gluteus maximus muscle
- e) Extensor Retinaculum of ankle