

Date: 04-01-2022

0422EANAT

First Year MBBS Examination

I MBBS Anatomy Paper 2

Time: 3 hours

Max Marks: 100

Instructions: 1. Answer to the points. 2. Figure to the right indicates marks. 3. Use separate answer books for each section. 4. Draw diagrams wherever necessary. 5. Write legibly.

Section 1

1. Write the following structured Long Question (any 1 out of 2)
 - a. Describe the Arches of foot under following: a) Types and components b) Factors maintaining the arches c) Functions d) Applied aspects.
 - b. Describe the course, relations, branches and applied anatomy of Common peroneal nerve. (10)
 2. Write the following Case based scenario/Applied short notes. (Any 2 out of 3)
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a. A 60 year oldman suffered heart attack. After angiogram Coronary artery bypass surgery (CABG) was planned with a venous graft. With the above scenario answer the following: a) Name the vein referred in this condition. b) Tributaries of the vein. c) Perforators connecting the vein. d) Valves of the vein. (12)

b. A patient came to OPD with the complaint of heart burn and difficulty in swallowing. He was advised Barium swallow. Answer the questions with above mentioned details: a) What is the organ referred to. b) Parts and constrictions of the organ. c) Arterial supply.

c. A 65 year oldman came to OPD with the complaint of swelling in the groin. On examination swelling was seen above and medial to public tubercle which was increasing in size while coughing. With the above details answer the following: a) What is the probable diagnosis. b) Write the location, boundaries and contents of involved passage.

3. Write short notes (Any 3 out of 4)

a. Turner's syndrome.

b. Microscopic anatomy of gall bladder.

~~c. Define neurulation and list the steps involved in~~

it.

- d. Development of testis and factors responsible for the descent. (18)

4. Answer only in 2-3 sentences (any 5 out of 6)

- a. Barr body.
- b. Draw and label histology of oesophagus.
- c. Chromosome deletion syndromes.
- d. Write in brief circulatory changes after birth.
- e. Functions of Sertoli cells.
- f. Allantois. (10)

Section 2

1. Write the following structured Long Question (any 1 out of 2)

- a. Describe the capsules, relations, blood supply and applied anatomy of right kidney.
- b. Enumerate Ischiorectal fossa under following: a) Definition b) Boundaries c) Contents d) Spaces e) Applied anatomy. (10)

2. Write short notes (Any 2 out of 3)

- a. Perineal body
 - b. Broad ligament.
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c. Obturator nerve. (12)

3. Write short notes (Any 3 out of 4)

- a. Typical intercostals nerve.
- b. Superior mediastinum.
- c. Internal thoracic artery.
- d. Thoracic duct. (18)

4. Answer only in 2-3 sentences (any 5 out of 6)

- a. Write in brief: Rectus sheath.
- b. Write a note on the structures attached to Linea aspera.
- c. Enumerate the positions of Appendix.
- d. Write about recesses of Pleura.
- e. Write in brief Dorsalis pedis artery.
- f. Write a note on internal features of right atrium. (10)