

Date: 04-04-2022

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) (10)

- a. Enumerate the boundaries and contents of femoral Triangle. What are the parts and coverings of femoral hernia?
- b. Enumerate the movements, muscles causing movements, nerve supply of hip joint. What is foot drop?

2. Write the following Case based scenario/Applied short notes. (Any 2 out of 3) (12)

- a. A 7 year old boy was diagnosed to be suffering Talipes equinovarus. Answer the following:
 1. Explain the anatomical basis in this condition.
 2. Name the arches of foot.
 3. Name the bones forming any one of the arches.
- b. A 55 year old woman was diagnosed to be suffering from Carcinoma stomach. Answer the following:
 1. Name the blood supply and lymphatic supply of the organ.
 2. Name the structures forming the stomach bed.
- c. Bronchovascular segments of right lung.

3. Write short notes (Any 3 out of 4) (18)

- a. Turner syndrome
- b. Development of Diaphragm
- c. Correlate Arterial Supply with Embryological origin of Transverse Colon.
- d. Quadrants of Abdomen.

4. Answer only in 2-3 sentences (any 5 out of 6) (10)

- a. Classify Chromosomes according to shape
- b. Klinefelter Syndrome
- c. Draw and label: Spleen
- d. Meckel's diverticulum
- e. Placental barrier
- f. Difference between jejunum and ileum.

Section 2

5. Write the following structured Long Question (any 1 out of 2) (10)

- a. Name the supports, blood supply and lymphatic drainage of Rectum. What are Hemorrhoids?
- b. Enumerate the contents of Spermatic Cord. Write briefly on Descent of Testis.

6. Write short notes (Any 2 out of 3) (12)

- a. Popliteal fossa
- b. Contents of Broad Ligaments of Uterus
- c. Locking and Unlocking of knee joint.

7. Write short notes (Any 3 out of 4) (18)

- a. Posterior Mediastinum
- b. Interior of right atrium
- c. Major openings of Diaphragm
- d. Base of heart

8. Answer only in 2-3 sentences (any 5 out of 6) (10)

- a. Structures at hilum of left lung from above downwards in chronological order.
- b. Bursae around Knee joint
- c. Boundaries and contents of Adductor Canal
- d. Second part of Duodenum
- e. Clinical importance of Ureter
- f. Name the branches of internal iliac artery.