



JA-M20172 Seat No. _____
First Year M.B.B.S. Examination
July - 2019
Anatomy : Paper-II
(New Course)

Time : 3 Hours]

[Total Marks : 50

Instructions :

1. Write Section I & II in separate answer sheet.
2. Draw diagrams wherever necessary.
3. Figures on right indicate full marks.

SECTION - I

1 Answer in brief : (any ten) 10 marks (1 mark each)

1. Explain anatomically. Portal hypertension may cause internal haemorrhoids.
2. What is Ischiorectal hernia?
3. What is vasectomy? What is the site of incision in vasectomy?
4. Explain the terms : (a) Typhitis (b) Colpotomy.
5. Enlargement of which chamber of the heart can be diagnosed by Barium swallow? Why?
6. How the Venous blood will reach right atrium when superior vena cava is blocked below the opening of azygos vein?
7. What is Girdle pain?
8. What is Claw foot?
9. What is Calf pump?
10. Explain anatomically. Pus from the lumbar vertebra may form swelling in the thigh.
11. What is Karyotyping?
12. Describe the anatomical position of the body.

2 Write Short Notes on (Any Two) : 10 marks

1. Draw and label the diagram showing boundaries of Inguinal canal. Put a note on mechanisms of inguinal canal.
(3+2+=5 marks)

2. Describe the ligaments and applied anatomy of the Uterus. **(3+2=5 marks)**
 3. Enumerate the serous membranes of body. Describe the serous membrane covering the jejunum and ileum in details. **(1+4=5 marks)**
- 3** Write on any **One** of the following : **5 marks**
1. Describe the gross and applied anatomy of Menisci and Cruciate ligaments of Knee joint. **(2.5+2.5=5 marks)**
 2. Describe attachments, innervations and actions of Adductor Magnus muscle. **(2+1 +2=5marks)**

SECTION - II

- 4** Write Short Notes on (Any **Two**):**10 marks (5 marks each)**
1. Enumerate the various types of numerical chromosomal abnormalities with examples. Describe monosomy of X chromosome in details. **(2+3=5 marks)**
 2. Classification of Synovial joints with examples.
 3. Anastomosis.
- 5** Write Short Notes on (Any **Two**):**10 marks (5 marks each)**
1. Describe development of Anal Canal in details. Put a note on imperforate anus. **(3+2=5 marks)**
 2. Describe Skeleto-Muscular derivatives of the branchial arches in details. What is Treacher Collin's Syndrome? **(4+1)**
 3. Development of Right Atrium.
- 6** Write on Any **One** of the following : **5 marks**
1. Write about branches, distribution and applied anatomy of Left Coronary Artery. **(2+2+1=5 marks)**
 2. Broncho-Pulmonary segments.