

001/20

The West Bengal University of Health Sciences
MBBS 1st Professional Examination, January 2020

Subject: Anatomy
Paper : I

Full Marks : 50
Time : 2 ½ hours

Attempt all questions. The figures in the margin indicate full marks.

Group A

1. a) What is the type & subtype of Hip joint? Name four ligaments of the hip joint. What are the active movements permitted in the hip joint? What are the axis of these movements & muscles responsible? What is the cause of avascular necrosis of the head of femur? 2+2+2+4+2

or

- b) Give the presenting parts & relation of the ovary. Give a brief account of development of ovary. Draw a labeled diagram of Graafian follicle. 5+4+3

Group B

2. Answer *any two* of the following: 2 x 7
- a) Pancreas- its embryology & histology. 4+3
 - b) Factors maintaining the medial longitudinal arch of foot. 7
 - c) Name the nerve that is injured in fracture of surgical neck of humerus. What is the origin & the effects of injury to the nerve? 1+4+2

Group C

3. Write short notes on *any four* of the following: 4 x 3
- a) Pivot joint.
 - b) Arteria dorsalis pedis.
 - c) Triangular & quadrangular spaces.
 - d) Deep inguinal ring.
 - e) Meckel's diverticulum.

Group D

4. Explain the following: 4 x 3
- a) Soleus is known as the 'peripheral heart'.
 - b) Monozygotic & dizygotic twins.
 - c) Polycystic kidney.
 - d) Claw hand.