

**Madhya Pradesh Medical Science University, Jabalpur****MBBS First Professional Examination Feb-2023****Paper Code- 23AM0000100022****Subject- Human Anatomy (New Scheme)****Paper II**

Time : 3:00 Hours

Maximum Marks :100

Instructions:

- a) All questions are compulsory
- b) Draw diagrams wherever necessary
- c) Answers of Questions and Sub questions must be written strictly according to the serial order of question paper.
- d) MCQ has to be answered in theory answer book
- e) Please write MCQ answer neatly and in serial order with black or blue pen in brackets for example:- 1. (a) 2. (b)
- f) MCQ has to be answered only once, any kind of repetition or cutting or erasing or whitener will be considered as malpractice,  
  
Such answers will not be counted in the marks and action will be taken according to UFM rules of University
- g) Subjective Answer should be answered in up to 30 words per marks. For example if a question having 2 marks answer should be answered in up to 60 words.
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**Q.1 Total MCQs : 10****10x1=10**

1. Ischial tuberosity provides attachment to
- a. obturator externus
  - b. quadratus femoris
  - c. gluteus maximus
  - d. adductor magnus

2. Major extensor of thigh is
  - a. gluteus maximus
  - b. psoas major
  - c. obturator internus
  - d. superior and inferior gemelli
  
3. Almost exclusively, Urinary bladder is lined by
  - a. squamous
  - b. columnar epithelium
  - c. transitional epithelium
  - d. cuboidal epithelium
  
4. Superior Vesical artery is a branch of
  - a. External iliac artery
  - b. Anterior division of Internal iliac artery
  - c. posterior division of Internal iliac artery
  - d. Inferior Mesenteric Artery
  
5. All are contents of Femoral triangle except
  - a. Femoral artery
  - b. Femoral Sheath
  - c. Deep inguinal lymph nodes
  - d. Superficial inguinal lymph nodes
  
6. Sinus of Epididymis open on which surface of Testis
  - a. Anterior
  - b. Posterior
  - c. Lateral
  - d. Medial
  
7. Submucosal gland of Brunner are characteristic feature of

- a. Duodenum
  - b. Ileum
  - c. Jejunum
  - d. Colon
8. Anterior division of Obturator nerve supplies all the muscles except
- a. Gracilis
  - b. Obturator externus
  - c. Adductor longus
  - d. Adductor brevis
9. Oblique Popliteal ligament is an extension from the tendon of
- a. Semitendinosus
  - b. Adductor Magnus
  - c. Biceps femoris
  - d. Semimembranosus
10. Round ligament of uterus is homologous to
- a. Tunica vaginalis
  - b. Testis
  - c. Gubernaculum
  - d. All

**Q.2 Long Answer Questions****2x20=40**

- a. Describe the type, articular surface, capsule, ligaments, bursae, relations, movements and muscles involved & clinical anatomy of hip joint.
- b. Describe the Extrahepatic Biliary Apparatus in detail along with related applied anatomy

**Q.3 Brief Answer Questions****6x5=30**

- a. Descent of testis.
- b. Draw a well labelled diagram to show the relations of Third part of Duodenum

- c. Stomach bed
- d. Histology of appendix
- e. Describe the embryological development of kidney.

**Q.4 Short Answer Questions****10X02=20**

- a. Popliteus muscle
- b. Pudendal canal
- c. Foot drop
- d. Hamstring muscles
- e. Write the medial and lateral attachment of Inguinal ligament
- f. Name the arteries supplying the Suprarenal gland
- g. Name any two embryological structure that forms part of Diaphragm
- h. What is Hilton's line?
- i. Write any two modifications of deep fascia of Thigh
- j. Enumerate the tendons passing beneath the Flexor retinaculum of leg

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