

Sl.No. M2335

Course Code : 161021T01

**VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM  
(Deemed to be University)**

**MBBS DEGREE EXAMINATION – June 2021**

**First Year**

**ANATOMY- PAPER I**

**SECTION A**

**Time: Fifteen Minutes**

**Maximum: 15 marks**

**Register Number :**

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**Signature of the candidate**

**Signature of the Invigilator**

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**Instructions to the candidates**

- 1. Write your Register Number and sign at the place specified on the first page of this Question Booklet.**
- 2. Do not open this question booklet until Invigilator announces the commencement of the examination.**
- 3. Answer ALL the Fifteen questions. They carry equal marks. No negative marking for wrong answers.**
- 4. Answers should be marked legibly in the SHEET provided in capital letters.**
- 5. THE QUESTION BOOKLET SHOULD NOT BE TAKEN OUT OF THE EXAMINATION HALL.**
- 6. Questions should not be copied and taken out of the Examination Hall. Any one found violating this rule shall not be permitted to write the examination and shall be sent out of the Hall.**
- 7. At the end of 15 minutes, when the Invigilator announces 'STOP WRITING' you must stop writing immediately. If the candidate tries to attempt to answer the questions after the prescribed time, their answer script becomes invalid.**
- 8. Hand over the questions booklet containing answer sheet to the invigilator when you finish answering or immediately after 15 minutes.**

**ANATOMY - PAPER I**

**SECTION-A (15X1-15 MARKS)**

(Multiple choice questions)

Time: Fifteen Minutes

Maximum: 15 marks

Select the most appropriate answer and answer in the answer sheet attached:

1. A plane at right angles to median plane is called
  - A. Sagittal
  - B. Ipsilateral
  - C. Coronal
  - D. Superior
  
2. The anterior boundary of epiploic foramen is
  - A. Lesser omentum
  - B. Caudate process of liver
  - C. Inferior vena cava
  - D. T12 vertebra
  
3. Trisomy – 21 chromosome abnormality is called
  - A. Edward's syndrome
  - B. Patau's syndrome
  - C. Cri – du – chat syndrome
  - D. Down's syndrome
  
4. The placenta is formed from
  - A. Primitive streak
  - B. Trophoblast
  - C. Prochordal plate
  - D. Neuroectoderm
  
5. Proximal two thirds of the transverse colon is supplied by
  - A. Celiac artery
  - B. Superior mesenteric artery
  - C. Inferior mesenteric artery
  - D. Musculophrenic artery

(p.t.o.)

-- (2) --

6. The definitive adult kidney develops from
  - A. Pronephros
  - B. Mesonephros
  - C. Metanephros
  - D. Paranephros
  
7. All of the following are muscular supports of the uterus, EXCEPT
  - A. Sphincter urethrae vaginalis
  - B. Pelvic diaphragm
  - C. Transverse cervical ligament
  - D. Perineal body
  
8. Submucosal glands of Brunner are seen in
  - A. Appendix
  - B. Ileum
  - C. Caecum
  - D. Duodenum
  
9. Mucosa of ureter is lined by
  - A. Transitional epithelium
  - B. Kupffer cells
  - C. Villi
  - D. Subcapsular sinus
  
10. All of the following are part of musculotendinosus cuff, EXCEPT
  - A. Subscapularis
  - B. Supraspinatus
  - C. Infraspinatus
  - D. Teres major
  
11. The number of muscles that converge on to the perineal body is
  - A. Ten
  - B. Eight
  - C. Six
  - D. Four

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12. Which wall of the ischiorectal fossa is the pudendal canal related?

- A. Superior
- B. Medial
- C. Lateral
- D. Inferior

13. Dorsiflexion of foot at ankle joint is caused by

- A. Gastrocnemius
- B. Tibialis anterior
- C. Soleus
- D. Flexor digitorum longus

14. Hartman's pouch is the dilated part of

- A. Rectum
- B. Gall bladder
- C. Lesser sac
- D. Stomach

15. Epoophoron and paraoophoron are contents of

- A. Urinary bladder
- B. Endometrium
- C. Broad ligament
- D. Urogenital diaphragm

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**MBBS DEGREE EXAMINATION – June 2021**

**First Year**

**Anatomy– PAPER I**

Time : Three hours

Maximum : 80 marks

Answer ALL Questions

Answer Section A in the Answer Sheet attached to it 15 marks – 15 minutes to be handed over to the invigilator immediately after 15 minutes

Answer Section B in the same answer book

Time : 2 hours 45 minutes

**SECTION – B**

Maximum : 65 marks

**I. Write essays on :**

**(2 x 15 = 30)**

1. Describe the articulation, ligaments, movements, related bursae and applied anatomy of ELBOW JOINT. (2+4+4+2+3 = 15)
2. Describe the surfaces, anatomical lobes, relations, development and applied anatomy of LIVER. (2+3+4+3+3 = 15)

**II. Short notes on :**

**(5 x 5= 25)**

3. Adductor canal
4. Relations of uterus
5. Classification of synovial joints
6. Implantation
7. Histology of lymph node

**III. Answer briefly on :**

**(5 x 2 = 10)**

8. Name the adductors of the hip joint
9. Mention the boundaries of popliteal fossa
10. Mention the three branches of celiac trunk
11. Mention the two muscles forming conjoint tendon
12. Mention any four features of Cri – du – chat syndrome

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