

Sl.No. M19001

Course Code : 161021T01

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

MBBS DEGREE EXAMINATION – August 2018

First Year

HUMAN 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

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.**

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HUMAN 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. Flexor retinaculum of hand is medially attached to:
 - A. Tubercle of scaphoid
 - B. Crest of trapezium
 - C. Pisiform bone
 - D. Capitate
2. Which of the following is **NOT** a hamstring muscle?
 - A. Semitendinosus
 - B. Long head of biceps femoris
 - C. Semimembranosus
 - D. Short head of biceps femoris
3. Epiploic foramen is posteriorly related to:
 - A. Duodenum
 - B. Liver
 - C. Inferior vena cava
 - D. Pancreas
4. Which of the following **does not** pass through diaphragm?
 - A. Cisterna chyli
 - B. Oesophagus
 - C. Aorta
 - D. Inferior vena cava
5. Left gonadal vein drains into:
 - A. Internal iliac vein
 - B. Inferior vena cava
 - C. Azygos vein
 - D. Left renal vein

(p.t.o.)

6. Most common position of vermiform appendix is:
 - A. Retrocecal
 - B. Pelvic
 - C. Splenic
 - D. Promontoric

7. Left gastric artery is a branch of:
 - A. Superior mesenteric artery
 - B. Abdominal aorta
 - C. Coeliac trunk
 - D. Inferior mesenteric artery

8. Which of the following is **NOT** a content of ischiorectal fossa?
 - A. Ischiorectal pad of fat
 - B. Pudendal canal with contents
 - C. Posterior scrotal or posterior labial vessels
 - D. Perineal branch of second sacral nerve (S₂)

9. Internal pudendal artery is a branch of:
 - A. Internal iliac artery
 - B. Abdominal aorta
 - C. Gonadal artery
 - D. Inferior mesenteric artery

10. Sutures of skull are:
 - A. Fibrous joints
 - B. Primary cartilaginous joints
 - C. Secondary cartilaginous joints
 - D. Synovial joints

11. The process of formation of three germ layers is:
 - A. Neurulation
 - B. Gastrulation
 - C. Capacitation
 - D. Zona reaction

12. Isogenous cell group is a characteristic microscopic feature of :

- A. Fibrocartilage
- B. Elastic cartilage
- C. Hyaline cartilage
- D. Compact bone

13. Peyer's patches are seen:

- A. Stomach
- B. Colon
- C. Ileum
- D. Duodenum

14. Appendix of epididymis is a vestigial remnant of:

- A. Paramesonephric duct
- B. Mesonephric duct
- C. Vitellointestinal duct
- D. Allantoic diverticulum

15. In karyotyping cell division is arrested in:

- A. Anaphase
- B. Interphase
- C. Prophase
- D. Metaphase

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HUMAN 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 hip joint in detail under the following headings: a) articulating ends b) ligaments stabilising the joint c) relations d) movements and muscles producing them e) applied anatomy. **(2+3+2+5+3=15)**

2. Describe the stomach in detail under the following headings: a) situation b) relations c) blood supply d) development e) histology f) applied anatomy. **(1+2+3+3+3+3=15)**

II. Short notes on :

(5 x 5=25)

3. Lymphatic drainage of breast
4. Mesentery
5. Synovial joint – explain the types with examples
6. Fertilization
7. Histology of elastic artery

III. Answer briefly on :

(5 x 2 = 10)

8. Name the movements of radioulnar joints
9. Mention the structures opening into second part of duodenum
10. Write the formation and termination of femoral vein
11. Mention the structures piercing perineal membrane in females
12. Mention any **FOUR** clinical features of Down's syndrome.
