

Sl.No. M21001

Course Code : 161021T01

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

MBBS DEGREE EXAMINATION – February 2019

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.**

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. The Deltoid muscle is supplied by
 - A. Musculocutaneous nerve
 - B. Median nerve
 - C. Axillary Nerve
 - D. Radial nerve

2. The Lateral plantar artery is a branch of
 - A. Posterior tibial artery
 - B. Anterior tibial artery
 - C. Peroneal artery
 - D. Dorsalis pedis artery

3. Posterior wall of rectus sheath below the arcuate line is formed by
 - A. Costal cartilages
 - B. Internal oblique aponeurosis
 - C. Transversus abdominis aponeurosis
 - D. It is deficient.

4. The left testicular vein drains into
 - A. Left renal vein
 - B. Inferior vena cava
 - C. Left Internal iliac vein
 - D. Left internal pudendal vein

5. The most dependent part of the peritoneal cavity when the body is in upright position is
 - A. Rectouterine pouch
 - B. Rectovesical pouch
 - C. Morrisons pouch
 - D. Retrocecal recess

(p.t.o.)

6. The Appendicular artery is a branch of
 - A. ileocolic A
 - B. Inferior mesenteric A
 - C. Hepatic A
 - D. Gonadal A

7. Posterior relation to neck of pancreas is
 - A. Inferior vena cava
 - B. Portal vein formation
 - C. Superior mesenteric vessels
 - D. Abdominal aorta

8. The greater vestibular glands of female are present in
 - A. Deep perineal space
 - B. Superficial perineal space
 - C. Ischiorectal fossa
 - D. True pelvis

9. The superficial perineal muscles are innervated by
 - A. Perineal N
 - B. Inferior rectal N
 - C. Dorsal N of clitoris/penis
 - D. Posterior scrotal/labial N

10. Joint cavity is characteristic of
 - A. Fibrous Joint
 - B. Primary cartilaginous joint
 - C. Secondary cartilaginous joint
 - D. Synovial joint

11. The yolk sac is lined by
 - A. Ectoderm
 - B. Mesoderm
 - C. Endoderm
 - D. Amnion

12. The cells responsible for melanin synthesis in skin are
- A. Keratinocytes
 - B. Melanocytes
 - C. Prickle cells
 - D. Langerhans cells
13. The proximal convoluted tubules of kidney is lined by
- A. Squamous epithelium
 - B. Cuboidal epithelium
 - C. Pseudostratified epithelium
 - D. Transitional epithelium
14. Parenchyma of spleen develops from
- A. Mesenchyme of ventral mesogastrium
 - B. Mesenchyme of dorsal mesogastrium
 - C. Septum transversum
 - D. Dorsal pancreatic bud
15. When two breaks occur at terminal portion of a chromosome followed by fusion of the cut ends , it is called
- A. Isochromosome
 - B. Inversion
 - C. Ring chromosome
 - D. Deletion

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First Year

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 under following headings.

a) Type of joint and bones articulating b) Ligaments c) Relations d) Movements and muscles producing them e) Blood and nerve supply f) Applied anatomy.

(2+3+2+4+2+2=15)

2. Describe the Location, external features, relations, ligaments, development,

histology and applied anatomy of Urinary Bladder. (1+3+2+2+3+3+1=15)

II. Short notes on : **(5 x 5=25)**

3. Flexor retinaculum of hand.

4. Lymphatic drainage of stomach.

5. Blood supply of Long Bone

6. Oogenesis

7. Histology of Mixed salivary gland.

III. Answer briefly on : **(5 x 2 = 10)**

8. Mention the muscles of anterior compartment of arm.

9. Name 4 muscles supplied by Radial nerve

10. Name 4 anterior relations of Left kidney

11. Mention the boundaries of Deep perineal space

12. Mention 4 features of Turner's syndrome.
