

Sl.No. M19002

Course Code : 161021T02

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

**MBBS DEGREE EXAMINATION – August 2018**

**First Year**

**HUMAN ANATOMY - PAPER II**

**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.**

**HUMAN ANATOMY - PAPER II**

**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. Which of the following carries sensations from skin over the angle of mandible?
  - A. Lesser occipital nerve
  - B. Great auricular nerve
  - C. Mandibular nerve
  - D. Maxillary nerve
  
2. Which of the following **does not** pass through foramen magnum?
  - A. Spinal accessory nerve
  - B. Vertebral artery
  - C. Tonsils of cerebellum
  - D. Internal jugular vein
  
3. The nucleus related to ciliary ganglion is:
  - A. Edinger-Westphal nucleus
  - B. Lacrimate nucleus
  - C. Superior salivatory nucleus
  - D. Inferior salivatory nucleus
  
4. Pesanserinus pattern of branching is related to:
  - A. Trigeminal nerve
  - B. Facial nerve
  - C. Vagus nerve
  - D. Hypoglossal nerve
  
5. Supraorbital artery is a branch of:
  - A. External carotid artery
  - B. Internal carotid artery
  - C. Facial artery
  - D. Ophthalmic artery

(p.t.o.)

-- (2) --

6. Membranatectoria is the upward continuation of:
  - A. Anterior longitudinal ligament
  - B. Posterior longitudinal ligament

- C. Apical ligament
  - D. Cruciate ligament
7. All the following are supplied by Hypoglossal nerve **EXCEPT**:
- A. Genioglossus
  - B. Hyoglossus
  - C. Palatoglossus
  - D. Styloglossus
8. In infants spinal cord ends at the level of:
- A. L<sub>3</sub>
  - B. L<sub>1</sub>
  - C. L<sub>5</sub>
  - D. L<sub>2</sub>
9. Purkinje cells are seen in :
- A. Cerebellar cortex
  - B. Cerebral cortex
  - C. Pons
  - D. Midbrain
10. All the following are tributaries of coronary sinus **EXCEPT**:
- A. Great cardiac vein
  - B. Middle cardiac vein
  - C. Small cardiac vein
  - D. Anterior cardiac vein
11. Lingula of left lung morphologically corresponds to:
- A. Apex of right lung
  - B. Middle lobe of right lung
  - C. Lower lobe of right lung
  - D. Upper lobe of right lung
12. All the germ layers are present in:
- A. Urachus
  - B. Tympanic membrane
  - C. Cornea
  - D. Heart

(p.t.o.)  
(Sl.No. M19002)

-- (3) --

13. Which of the following is **NOT** a clinical feature of Fallot's tetralogy?
- A. Right ventricular hypertrophy
  - B. Over-riding of aorta
  - C. Pulmonary stenosis
  - D. Left ventricular hypertrophy
14. Which of the following layer is responsible for the transparency of cornea?
- A. Anterior epithelium

- B. Bowman's membrane
- C. Corneal stroma
- D. Descemet's membrane

15. The lining epithelium of trachea is:
- A. Pseudostratified ciliated columnar epithelium
  - B. Simple columnar epithelium
  - C. Simple squamous epithelium
  - D. Stratified squamous keratinised epithelium

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**First Year**

**HUMAN ANATOMY – PAPER II**

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. Classify dural venous sinuses. Describe the cavernous sinus in detail under the following headings: a) situation b) relations c) tributaries d) communications and e) applied anatomy. **(2+1+3+3+3+3=15)**
2. Describe the internal capsule in detail under the following headings. a) situation b) parts c) relations d) fibre tracts passing through it e) blood supply and f) applied anatomy. **(1+2+2+5+3+2=15)**

**II. Short notes on :**

**(5 x 5=25)**

3. Buccinator
4. Nasal septum
5. Pleural recesses
6. Venous drainage of heart
7. Development of inter-atrial septum

**III. Answer briefly on :**

**(5 x 2 = 10)**

8. Mention any **FOUR** tributaries of internal jugular vein.
9. Write the action and nerve supply of lateral rectus muscle.
10. Mention the cranial nerves emerging from the surface of medulla oblongata.
11. Mention the attachments of suprapleural membrane.
12. Write the epithelial lining of vocal cord and the reason for that epithelium.

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