

Sl.No. M21918

Course Code : 161021T02

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

**MBBS DEGREE EXAMINATION – October 2019**

**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 does not pass through jugular foramen?
  - A. Glossopharyngeal nerve
  - B. Vagus nerve
  - C. Accessory nerve
  - D. Hypoglossal nerve
  
2. Spinal accessory nerve supplies :
  - A. Buccinator
  - B. Orbicularis oculi
  - C. Sternocleidomastoid
  - D. Stylohyoid
  
3. Ophthalmic artery is a branch of :
  - A. External carotid artery
  - B. Facial artery
  - C. Internal carotid artery
  - D. Maxillary artery
  
4. All the following are supplied by recurrent laryngeal nerve EXCEPT:
  - A. Lateral cricoarytenoid
  - B. Posterior cricoarytenoid
  - C. Vocalis
  - D. Cricothyroid
  
5. Thyrohyoid membrane is pierced by :
  - A. Superior laryngeal vessels and internal laryngeal nerve
  - B. Superior laryngeal vessels and external laryngeal nerve
  - C. Superior thyroid vessels and internal laryngeal nerve
  - D. Superior thyroid vessels and internal laryngeal nerve

(p.t.o.)

6. Platysma is supplied by :
  - A. Great auricular nerve
  - B. Facial nerve
  - C. Spinal accessory nerve
  - D. Mandibular nerve
7. Pharyngeal veins drain into:
  - A. External jugular vein
  - B. Superficial temporal vein
  - C. Internal jugular vein
  - D. Retromandibular vein
8. In adults spinal cord ends at the level of :
  - A. L<sub>3</sub>
  - B. L<sub>1</sub>
  - C. L<sub>2</sub>
  - D. L<sub>4</sub>
9. Middle cerebellar peduncle is formed by :
  - A. Pontocerebellar fibres
  - B. Posterior spinocerebellar fibres
  - C. Vestibulocerebellar fibres
  - D. Parolivocerebellar fibres
10. Internal thoracic artery arises from :
  - A. Subclavian artery
  - B. Brachiocephalic trunk
  - C. Common carotid artery
  - D. Inferior thyroid artery
11. Which of the following is NOT a content of anterior mediastinum?
  - A. Sternopericardial ligaments
  - B. Heart
  - C. Lowest part of thymus
  - D. Areolar tissue

12. Which of the following is derived from first pharyngeal arch?
- A. Stapedius
  - B. Sphenomandibular ligament
  - C. Stylohyoid muscle
  - D. Stapes
13. Which of the following does not develop from mesoderm?
- A. Cardiac muscle fibres
  - B. Muscle fibres of iris
  - C. Superior rectus
  - D. Stapedius
14. Oral surface of palatine tonsil is lined by :
- A. Simple squamous epithelium
  - B. Simple cuboidal epithelium
  - C. Stratified squamous non-keratinised epithelium
  - D. Stratified squamous keratinised epithelium
15. Amacrine cells are seen in :
- A. Retina
  - B. Cornea
  - C. Spinal cord
  - D. Cerebral cortex.

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**MBBS DEGREE EXAMINATION – October 2019**

**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. Describe the thyroid gland in detail under the following headings: a) situation b) extent c) capsule d) parts and relations e) blood supply and f) applied anatomy.

**(2+1+2+5+3+2=15)**

2. Describe the external features of right and left lungs in detail. Add a note on the bronchopulmonary segments of lungs.

**(10+5=15)**

**II. Short notes on :**

**(5 x 5=25)**

3. Orbicularis oculi
4. Tympanic membrane
5. Corpus callosum
6. Sinuses of pericardium
7. Derivatives of first pharyngeal arch.

**III. Answer briefly on :**

**(5 x 2 = 10)**

8. Mention the abductor and adductors of vocal cords.
9. Write the components of Waldeyer's lymphatic ring.
10. Mention the cranial nerves emerging from the surface of pons.
11. Mention the clinical significance of pulmonary ligament.
12. Name the cells of adenohypophysis of pituitary gland.

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