

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

MBBS DEGREE EXAMINATION – June 2021

First Year

ANATOMY PAPER II

SECTION A

Time: Fifteen Minutes

Maximum: 15 marks

Register Number :

--	--	--	--	--	--	--	--	--	--

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.**

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. The frontal belly of Occipitofrontalis is supplied by
 - A. Branch of Ophthalmic nerve
 - B. Branch of Trigeminal Nerve
 - C. Branch of Facial Nerve
 - D. Branch of Oculomotor Nerve

2. The secretomotor fibres to lacrimal gland is carried by
 - A. Facial nerve
 - B. Oculomotor Nerve
 - C. Optic Nerve
 - D. Abducent Nerve

3. Which of these muscles form inferior boundary of Suboccipital triangle?
 - A. Inferior Oblique Muscle
 - B. Superior Oblique Muscle
 - C. Rectus Capitis posterior Major
 - D. Rectus Capitis posterior Minor

4. The Transverse Venous sinus continues as
 - A. Straight sinus
 - B. Sigmoid sinus
 - C. Inferior Sagittal sinus
 - D. Occipital sinus.

5. Anterior and posterior ethmoidal arteries are branches of
 - A. Ophthalmic A
 - B. Internal Carotid A
 - C. Anterior Cerebral A
 - D. Facial A

6. The two roots of Auriculotemporal nerve encircle
 - A. Inferior Alveolar A
 - B. Accessory Meningeal A
 - C. Sphenopalatine A
 - D. Middle Meningeal A

(p.t.o.)

7. Nerve Supply to Cricothyroid muscle is by

- A. External Laryngeal N
- B. Internal Laryngeal N
- C. Recurrent Laryngeal N
- D. Superior Laryngeal N

8. The structure that passes between Superior and middle constrictors of pharynx is

- A. Stylopharyngeus
- B. Auditory N
- C. Internal Laryngeal N
- D. Recurrent Laryngeal Nerve

9. The Stapedius is supplied by

- A. Facial N
- B. Trigeminal N
- C. Vestibulocochlear N
- D. Vagus N

10. The Posterior Inferior cerebellar artery supplies

- A. Temporal Cortex
- B. Occipital Cortex
- C. Midbrain
- D. Medulla

11. Thalamus acts as relay centre for all modalities of sensations except

- A. Taste
- B. Olfaction
- C. Vision
- D. Auditory

12. Trachea is lined by

- A. Simple squamous epithelium
- B. Simple cuboidal epithelium
- C. Stratified Squamous epithelium
- D. Pseudostratified Columnar epithelium.

13. Papilla on tongue which has keratinised epithelium is

- A. Circumvallate
- B. Filiform
- C. Fungiform
- D. Foliate

14. The Adenohypophysis develops from

- A. Diencephalon
- B. Rathke's pouch
- C. Telencephalon
- D. Rhombencephalon.

15. The epiglottis develops from

- A. Lingual swelling
- B. Tuberculum impar
- C. Foramen caecum
- D. Hypobranchial eminence

(Sl.No. M2336)

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

MBBS DEGREE EXAMINATION – JUNE 2021

First Year

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 situation, external features and relations, structures within it, duct, blood supply, nerve supply and applied anatomy of Parotid Gland. (2+5+2+2+2+2=15)
2. Describe the Sulci and Gyri on the superolateral surface of Cerebrum. Write a note on the Functional areas on that surface. (7+8=15)

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

3. Lateral wall of Nasal Cavity-Bones forming it, concha and meatuses, blood and nerve supply, applied anatomy.
4. Origin, course, branches and termination of Facial artery.
5. Boundaries and contents of intercostal space.
6. Thoracic duct.
7. Explain the development of Interatrial septum. Mention its congenital anomalies.

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

8. Mention 4 branches of maxillary artery
9. Name the three boundaries of posterior triangle of Neck.
10. Name the branches of ascending aorta
11. Name the parts of Corpus callosum.
12. Draw and label histology of Trachea.
