

Sl.No. M21439

Course Code : 161021T02

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

MBBS DEGREE EXAMINATION – August 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

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. Pleural cavity develops from
 - A. Pharyngeal pouches
 - B. Intraembryonic coelom
 - C. Cloaca
 - D. Amniotic cavity.

2. Posterior fontanelle close at about
 - A. 2 months of age
 - B. 4 months of age
 - C. 6 months of age
 - D. 8 months of age

3. All of the following are included as part of neurohypophysis, except
 - A. Median eminence
 - B. Infundibular stem
 - C. Pars nervosa
 - D. Rathke's pouch

4. Myelin in the central nervous system is formed by
 - A. Oligodendrocytes
 - B. Tanocytes
 - C. Microglia
 - D. Hortega cells

5. Palatoglossus muscle is innervated by
 - A. CN VI
 - B. CN VIII
 - C. CN X
 - D. CN XII

(p.t.o.)

6. Hasall's corpuscles are a feature of
 - A. Tonsil
 - B. Thymus
 - C. Lymph node
 - D. Spleen

7. The opening in the inferior meatus of nasal cavity is of
 - A. Posterior ethmoidal air sinus
 - B. Eustachean tube
 - C. Maxillary antrum
 - D. Nasolacrimal duct

8. Visual sensory area is found in
 - A. Septal region
 - B. Posterior perforated substance
 - C. Calcarine sulcus
 - D. Hippocampal formation

9. Deep fascia of neck is called
 - A. Fascia colli
 - B. Colles' fascia
 - C. Scarpa's fascia
 - D. Fascia of camper

10. All of the following are contents of suboccipital triangle, except
 - A. Third part of vertebral artery
 - B. Dorsal Ramus of C1
 - C. Suboccipital plexus of veins
 - D. Anterior arch of Atlas

11. The nerve passing through foramen ovale is
 - A. Mandibular nerve
 - B. Vagus nerve
 - C. Glossopharyngeal nerve
 - D. Optic nerve

12. All of the following are the contents of middle ear cavity, except
- A. Incus
 - B. Tensor palati
 - C. Chorda Tympani
 - D. Air
13. Tensor of vocal cord is
- A. Stapedius
 - B. Vocalis
 - C. Cricothyroid
 - D. Thyroarytenoid
14. Empyema is accumulation of pus in
- A. Mastoid antrum
 - B. Pleural cavity
 - C. Pituitary fossa
 - D. Left ventricle
15. Middle cardiac vein drains into
- A. Ductus venosus
 - B. Left atrium
 - C. Pericardial cavity
 - D. Coronary sinus.

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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 parts, structure, muscles, blood supply, lymphatic drainage and applied anatomy of pharynx. (1+3+5+3+1+2=15)
2. Describe the location, boundaries, communications, features and applied anatomy of fourth ventricle. (2+2+3+6+2=15)

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

3. Interior of right atrium
4. Digastric muscle
5. Left coronary artery
6. Cerebellar peduncles
7. Fate of second pharyngeal arch.

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

8. Movements of temporomandibular joint
9. Enumerate extra ocular muscles
10. Differentiate principal bronchi
11. Parts of corpus callosum
12. Histology of cornea.
