

Sl.No. M21498

Course Code : 161321T01

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

**BDS DEGREE EXAMINATION – August 2019
First Year**

**GENERAL ANATOMY INCLUDING EMBRYOLOGY AND
HISTOLOGY**

SECTION A

Time: Twenty Minutes

Maximum: 20 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 Twenty 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 20 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 20 minutes.

**GENERAL ANATOMY INCLUDING EMBRYOLOGY AND
HISTOLOGY**

SECTION-A (20X1=20 MARKS)

(Multiple choice questions)

Time: Twenty Minutes

Maximum: 20 marks

Select the most appropriate answer and answer in the answer sheet attached:

1. All the muscles of facial expression are supplied by:
 - A. Facial nerve
 - B. Hypoglossal nerve
 - C. Glossopharyngeal nerve
 - D. Vestibulocochlear nerve.

2. Palatine aponeurosis is formed by which one of the following muscles:
 - A. Tensor palatii
 - B. Levator palatii
 - C. Palatoglossus
 - D. Palatopharyngeus.

3. Which one of the following is not a feature of medial wall of middle ear cavity:
 - A. Pyramid
 - B. Fenestra vestibule
 - C. Fenestra cochleae
 - D. Promontory.

4. Lateral rectus muscle of eyeball is supplied by:
 - A. Oculomotor nerve
 - B. Trigeminal nerve-ophthalmic division
 - C. Abducent nerve
 - D. Trochlear nerve.

(p.t.o)

-- (2) --

5. The type of joint between sphenoid and basi occiput is:
 - A. Primary cartilaginous joint
 - B. Plane joint
 - C. Secondary cartilaginous joint
 - D. Fibrous joint.
6. The lymph from left half of body returns to cardiovascular system via:
 - A. Lymphatic duct
 - B. Thoracic duct
 - C. External jugular vein
 - D. Intestinal lymphatic duct.
7. Epiglottis is made up of:
 - A. Hyaline cartilage
 - B. White fibro cartilage
 - C. Elastic cartilage
 - D. Yellow fibrous cartilage.
8. Which of one of the following is a microscopic feature of large sized artery:
 - A. Tunica media is thickest layer.
 - B. Tunica media is made up of only elastic fibres.
 - C. Tunica media is made up of only muscle fibres.
 - D. Tunuca adventitia is thickest layer.
9. Normal site of implantation is:
 - A. Fallopian tube
 - B. Ovary
 - C. Cervix of uterus
 - D. Posterior wall of uterus.
10. Chromosomal complement in Down syndrome is:
 - A. 45XO
 - B. 46XX
 - C. 47XX/XY
 - D. 46XY

11. Which one of the following is not present among the midline structures of neck

- A. Lamina of cricoid cartilage
- B. Isthmus of thyroid gland
- C. Thyroid cartilage
- D. Suprasternal notch.

12. Which one of the following structure passes deep to hyoglossus:

- A. Lingual nerve
- B. Glossopharyngeal nerve
- C. Mylohyoid nerve
- D. Hypoglossal nerve.

13. Name the medial branch of external carotid artery:

- A. Superior thyroid artery
- B. Maxillary artery
- C. Ascending pharyngeal artery
- D. Facial artery.

14. Auditory tube passes between:

- A. Superior and middle constrictor
- B. Middle and inferior constrictor
- C. Below inferior constrictor
- D. Above superior constrictor.

15. Oesophagus is lined by:

- A. Stratified squamous keratinised epithelium.
- B. Stratified squamous non keratinised epithelium.
- C. Stratified columnar epithelium.
- D. Stratified cuboidal epithelium.

16. Which one of the following is a microscopic feature not seen in pituitary gland:

- A. Acidophils and basophils in anterior lobe.
- B. Presence of neutrophils.
- C. Pituicytes in posterior lobe.
- D. Intraglandular cleft.

17. The mucosa of anterior 2/3rd of tongue is developed from:

- A. Occipital myotomes
- B. Hypobranchial eminence
- C. Two lingual swellings and tuberculum impar.
- D. Two lingual swellings.

18. The tooth develops from all of the following except:

- A. Neural crest cells
- B. Ameloblast
- C. Dentine
- D. Periodontal ligament.

19. All of the following are intra cerebellar nuclei except:

- A. N.fastigius
- B. N.dentate
- C. N.emboliformis
- D. N.gracilius.

20. Which one of the following is an example for commissural fibres of Cerebral hemisphere:

- A. Corpus callosum
- B. Internal capsule
- C. Superior longitudinal fasciculus
- D. Inferior longitudinal fasciculus

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**BDS DEGREE EXAMINATION – AUGUST 2019
First Year**

**GENERAL ANATOMY INCLUDING EMBRYOLOGY AND
HISTOLOGY**

Time : Three hours

Maximum : 70 marks

Answer ALL Questions

Answer Section A in the Answer Sheet attached to it 20 marks – 20 minutes to be handed over to the invigilator immediately after 20 minutes

Answer Section B & C in the same answer book

Time : 2 hours 40 minutes

**SECTION – B & C
SECTION – B**

Maximum : 50 marks

I. Write an Essay on :

(1 x 10 = 10)

1. Describe tongue under the following headings:

(a) Parts (b) Muscles (c) Nerve supply (d) Development.

(2+3+3+2)

II. Write short notes on :

(3 x 5 = 15)

2. Movements of temporomandibular joint.

3. Facial artery in face.

4. Histology of palatine tonsil.

SECTION – C

III. Write an Essay on :

(1 x 10 = 10)

5. Describe Thyroid gland under the following headings:

(a) Extent and Coverings (b) Relations (c) Blood supply (d) Development. (2+2+3+3)

IV. Write short notes on :

(3 x 5 = 15)

6. Histology of serous salivary gland.

7. Internal jugular vein.

8. Floor of fourth ventricle.
