

Sl.No. M21501

Course Code : 161321T04

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

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

**DENTAL ANATOMY, EMBRYOLOGY AND ORAL HISTOLOGY**

**SECTION A**

**Time: Twenty Minutes**

**Maximum: 20 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 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.**

**DENTAL ANATOMY, EMBRYOLOGY AND ORAL HISTOLOGY  
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. Enamel is formed from
  - A. Enamel organ
  - B. Dental papilla
  - C. Dental sac
  - D. Dental lamina
  
2. Remnants of dental lamina is
  - A. Cell rests of Malassez
  - B. Cell rests of serres
  - C. Enamel kust
  - D. Enamel cord
  
3. The hardest calcified structure in the body is
  - A. Dentin
  - B. Enamel
  - C. Cementum
  - D. Bone
  
4. Which is the non- vital tissue?
  - A. Enamel
  - B. Dentin
  - C. Pulp
  - D. Bone
  
5. The organic content of dentil is:
  - A. 35%
  - B. 45%
  - C. 50%
  - D. 55%

(p.t.o.)

6. Periodontium includes
  - A. Periodontal ligament
  - B. Gingiva
  - C. Bone and cementum
  - D. All of the above
  
7. Cementum does not contain
  - A. Cemento blasts
  - B. Cementoid
  - C. Blood vessels
  - D. Minerals
  
8. Myoepithelial cells are called as
  - A. Serous cells
  - B. Mucus cells
  - C. Basket cell
  - D. Langerhan cell
  
9. Permanent maxillary canine erupts lay:
  - A. 11-12 yrs
  - B. 10-12 yrs
  - C. 13-14 yrs
  - D. 9-10 yrs
  
10. Odontoclasts resorbs
  - A. Enamel
  - B. Dentin
  - C. Cementum
  - D. All of the above
  
11. Spill way spaces are called
  - A. Col
  - B. Interdental gingiva
  - C. Mamelons
  - D. Embrasures
  
12. Smallest permanent mandibular anterior teeth is
  - A. Canine
  - B. Central Incisor
  - C. Lateral Incisor
  - D. All are equal size

13. The 'corners' of the mouth are
- A. First molar
  - B. II premolar
  - C. I premolar
  - D. Canine
14. \_\_\_\_\_ runs from mesiopalatal to distobuccal cusp in maxillary I molar
- A. Oblique ridge
  - B. Transverse ridge
  - C. Marginal ridge
  - D. Groove
15. In Permanent maxillary molars the longest root is
- A. Mesiobuccal
  - B. Distobuccal
  - C. Palatal
  - D. All are equal size
16. Number of cusps in permanent mandibular first premolar is
- A. 2 or 3
  - B. 1
  - C. 2
  - D. 3
17. Lingual gives attachment to the
- A. Sphenomandibular ligament
  - B. Stylomandibular ligament
  - C. Styloglossus
  - D. Hyoglossus
18. Origin of mylohyoid muscle is
- A. Internal oblique ridge
  - B. Mylohyoid groove
  - C. Tongue
  - D. Digastric fossa
19. Basic movements of condyle includes
- A. Hinge movement
  - B. Gliding movement
  - C. Translation
  - D. All the above
20. No of roots for maxillary first premolar is
- A. 1
  - B. 2
  - C. 3
  - D. None of the above

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

**DENTAL 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. Classify oral mucosa. Describe in detail about Gingiva.

**II. Write short notes on :**

**(3 x 5 = 15)**

2. Sclerotic dentin

3. Define eruption. Explain theories of eruption.

4 Pulp stones.

**SECTION – C**

**III. Write an Essay on :**

**(1 x 10 = 10)**

5. Describe in detail about the chronology and morphology of maxillary canine.

**IV. Write short notes on :**

**(3 x 5 = 15)**

6. Dental pain pathway

7. Parathyroid hormone

8. Nerve supply of teeth.