

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

BDS DEGREE EXAMINATION – JANUARY 2021

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

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
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 forming cell is
 - A. Ameloblast
 - B. Odontoblast
 - C. Cementoblast
 - D. Osteoblast

2. Enamel organ gives rise to
 - A. Dentin
 - B. Pulp
 - C. Enamel
 - D. Cementum

3. Hertwigs Epithelial Root Sheath gives rise to
 - A. Enamel
 - B. Bone
 - C. Peridodontal Ligament
 - D. Root

4. Incremental lines of Enamel is called
 - A. Von Ebner
 - B. Lines of salter
 - C. Reversal Lines
 - D. Lines of Retzius

5. The tooth with the longest root is
 - A. Maxillary central Incisor
 - B. Mandibular Premolar
 - C. Mandibular Molar
 - D. Maxillary canine

6. The root formation starts after the completion of
 - A. Dentin
 - B. Cementum
 - C. Enamel
 - D. None of the Above

(p.t.o.)

7. How many roots are seen in tooth number 26
- A. 3
 - B. 2
 - C. 1
 - D. 4
8. Basket cells are
- A. Mucous cells
 - B. Serous cells
 - C. Ductal cells
 - D. Myoepithelial cells
9. Which of the following is a soft tissue
- A. Dentin
 - B. Pulp
 - C. Enamel
 - D. Cementum
10. Osteocyte is seen in
- A. Enamel
 - B. Cementum
 - C. Bone
 - D. Periodontal ligament
11. Bone resorbing cell is
- A. Odontoblast
 - B. Cementoblast
 - C. Fibro blast
 - D. Osteoblast
12. Lining mucosa includes all except
- A. Lip
 - B. Cheek
 - C. Floor of the mouth
 - D. Dorsum of the Tongue
13. Specialized mucosa is seen in
- A. Gingiva
 - B. Hard Palate
 - C. Lips
 - D. Dorsal Surface of Tongue

14. Name the Avascular Structure

- A. Bone
- B. Cementum
- C. Pulp
- D. Peridontal ligament

15. Mineral content of Enamel is

- A. 60% Inorganic
- B. 90% Inorganic
- C. 96% Inorganic
- D. 50% Inorganic

16. Fibronexus is seen in

- A. Peridontal ligament
- B. Alveolar bone
- C. Pulp
- D. Gingiva

17. Periodontium comprises of

- A. Peridontal ligament
- B. gingiva
- C. Cementum and Alveolar bone
- D. All of the above

18. Enamel spindle is seen in

- A. Pulp
- B. Cementum
- C. Dentin
- D. Enamel

19. Zone of Weil is seen in

- A. Pulp
- B. Dentin
- C. Cementum
- D. Enamel

20. Which structure of the tooth is formed first

- A. Enamel
- B. Dentin
- C. Cementum
- D. Pulp

Sl.No. M23078

Course Code: 13118103

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BDS DEGREE EXAMINATION – JANUARY 2021

First Year

DENTAL ANATOMY, EMBRYOLOGY AND ORAL 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

Maximum: 50 marks

SECTION – B

I. Write an Essay on : (1 x 10 = 10)

1. Describe in detail about Mandibular right first Molar, with neat diagram.

II. Write short notes on : (3 x 5= 15)

2. Mamelons.

3. Difference between deciduous and permanent tooth.

4. Occlusal surface of Maxillary First Molar.

SECTION – C

III. Write an Essay on: (1 x 10 = 10)

5. Describe in detail the Masticator mucosa. Describe Macroscopic and microscopic features of Gingiva.

IV. Write short notes on: (3 x 5= 15)

6. Bell stage.

7. Zones of Pulp.

8. Theories of Dentin Sensitivity.
