

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

**BDS DEGREE EXAMINATION –September 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. Nasmyth's membrane is otherwise called
 - A. Enamel lamellae
 - B. Primary enamel cuticle
 - C. Enamel caps
 - D. Enamel knot
2. False denticles are common in
 - A. Radicular pulp
 - B. Coronal pulp
 - C. Radicular and coronal pulp
 - D. Within the dentin
3. Dead tracts are filled with
 - A. Air
 - B. Fluid
 - C. Gaseous substance
 - D. Bacteria
4. Acellular cementum predominates in
 - A. Coronal half of root
 - B. Middle third of root
 - C. Apical third of root
 - D. Coronal half of crown
5. Periodontal ligament is formed from
 - A. Dental sac
 - B. Dental papilla
 - C. Dental lamina
 - D. Vestibular lamina
6. Reparative or reactive dentin is
 - A. Circumpulpal dentin
 - B. Tertiary dentin
 - C. Mantle dentin
 - D. Secondary dentin
7. Antrum of Highmore is
 - A. Paranasal sinus
 - B. Ethmoidal sinus
 - C. Maxillary sinus
 - D. Frontal sinus
8. Membrane preformativa separates the enamel organ and
 - A. Dental sac
 - B. Dental papilla
 - C. Outer enamel epithelium
 - D. Dental lamina
9. Which is the foramen present on the tongue
 - A. Foramen rotandum
 - B. Foramen ovale
 - C. Foramen caecum
 - D. Foramen spinosum

(p.t.o.)

10. Bitter taste is perceived by
 - A. Fungiform papillae
 - B. Filiform papillae
 - C. Foliate papillae
 - D. Circumvallate papillae
11. All of the following structures are derived from ectoderm **EXCEPT**
 - A. Hair
 - B. Enamel
 - C. Dentin
 - D. Sweat glands
12. The only serous gland on the tongue is
 - A. Glands of Blandin and Nuhn
 - B. Von ebners gland
 - C. Glossopalatine glands
 - D. Posterior lingual glands
13. Abnormal deposition of cementum is referred as
 - A. Hypercementosis
 - B. Hypocementosis
 - C. Cementoblastoma
 - D. Mandibular first premolar
14. Numerous supplemental grooves are present in
 - A. Maxillary first premolar
 - B. Maxillary canine
 - C. Maxillary second premolar
 - D. Mandibular first premolar
15. Peg – shaped tooth is a variation of
 - A. Maxillary lateral incisor
 - B. Maxillary canine
 - C. Mandibular central incisor
 - D. Mandibular first premolar
16. Cusp of carabelli is present in
 - A. Mesiopalatal cusp
 - B. Mesiobuccal cusp
 - C. Distolingual cusp
 - D. Distobuccal cusp
17. Which is strongest tissue?
 - A. Bone
 - B. Dentin
 - C. Enamel
 - D. Cementum
18. Which is the first permanent tooth to erupt?
 - A. Mandibular first molar
 - B. Maxillary canine
 - C. Maxillary central incisors
 - D. Mandibular canine
19. Elevation on the crown portion of tooth making up a divisional part of the occlusal surface is referred to as
 - A. Cusp
 - B. Cingulum
 - C. Tubercle
 - D. Fossae
20. Which of the following is characterized by masticatory mucosa
 - A. Lips and cheek
 - B. Gingiva and hard palate
 - C. Gingiva and cheek
 - D. Alveolar mucosa and cheeks

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BDS DEGREE EXAMINATION – September 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 the various aspects of permanent right maxillary Canine with appropriate diagrams.

II. Write short notes on :

(3 x 5 = 15)

2. FDI system of tooth numbering.
3. Curve of Monson.
4. Triangular fossae.

SECTION – C

III. Write an Essay on :

(1 x 10 = 10)

5. Describe the histological aspects of serous salivary glands in detail.

IV. Write short notes on :

(3 x 5 = 15)

6. Acellular cementum.
7. Advanced bell stag of tooth development.
8. Pulp stones.
