

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

**BDS DEGREE EXAMINATION –September 2021  
Fourth Year**

**CONSERVATIVE DENTISTRY AND ENDODONTICS**

**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.**

**CONSERVATIVE DENTISTRY AND ENDODONTICS**  
**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. Which of the following is the best root end filling material?
  - A. MTA
  - B. ZOE
  - C. Amalgam
  - D. Calcium Hydroxide
2. Which is best suited to diagnose acute apical periodontitis?
  - A. Percussion
  - B. Thermal test
  - C. Electric Pulp Test
  - D. Anaesthesia Test
3. A Radiolucent root canal suddenly disappears at the mid root portion, the most probable diagnosis is
  - A. Calcification within pulp
  - B. Bifurcation of the canal
  - C. Sclerosis of the adjacent Bone
  - D. Ankylosis
4. The sterility of the root canal treatment is assessed by
  - A. Radiographs
  - B. Clinical Observations
  - C. Bacterial Cultures
  - D. Color of the Dressing
5. False positive electric pulp test occurs when there is
  - A. Moist Gangrenous Pulp
  - B. Pulp Calcifications
  - C. More Secondary Dentin Formation
  - D. Anaesthetized Tooth
6. Replacement resorption is characterized by
  - A. Pain
  - B. Apical Periodontitis
  - C. Acute Inflammation
  - D. Tooth Ankylosis
7. The most effective means of reducing microbes in Root Canal
  - A. Frequent medication of root canal
  - B. Complete Debridement through instrumentation
  - C. Systemic Antibiotics
  - D. All of the above
8. In Ingle's method of endodontic working length determination safety allowance is for
  - A. Possible image distortion of magnification
  - B. To confirm the apical termination
  - C. Periapical Bone Resorption
  - D. Recording final working length
9. Best method to sterilize the absorbent point is
  - A. Autoclaving
  - B. Chemical Sterilizer
  - C. Glass Bleed Sterilizer
  - D. Passing in Ethanol Flame

10. The maximum head diameter of ISO Gates Glidden Drill 31 is equivalent to
  - A. No 50 at D0
  - B. No 60 at D0
  - C. No 70 at D0
  - D. No 80 at D0
11. Instrument No 40 Represents
  - A. Diameter at D1
  - B. Diameter at D2
  - C. Diameter at D1 plus D2
  - D. Diameter at D1 minus D2
12. An avulsed tooth before replantation should be treated with
  - A. Doxycyclin
  - B. Dexamethasone
  - C. Ampicillin
  - D. Ibuprofen
13. A cold test best localizes
  - A. Pain of pulpal origin
  - B. Pulp Necrosis
  - C. Periodontal Pain
  - D. Referred pain
14. Tooth is tender on vertical percussio
  - A. Osteomyelitis
  - B. Pulpal Inflammation
  - C. Necrotic Pulp
  - D. Angular bone Loss
15. Balanced force technique is used for tooth preparation
  - A. Lateral force is used during apical preparation
  - B. Apical force is used during apical preparation
  - C. No force is used
  - D. None of the above
16. Confirmatory test for pulp vitality is
  - A. Thermal Test
  - B. Test Cavity
  - C. Electric Pulp Tested
  - D. Digital pulp Vediography
17. Which strain of yeast is found in root canal?
  - A. Candida Albican
  - B. Crptococcus
  - C. Histoplasma
  - D. Actinomyces
18. When bleaching of vital tooth is under taken following are done except
  - A. Prophylaxis
  - B. Use of Protective Glasses
  - C. Use of local anaesthesia
  - D. Polishing after treatment
19. Purple colored reamer is numbered
  - A. 08
  - B. 10
  - C. 15
  - D. 30
20. Which of the following Root Canal irrigants removes the smear layer
  - A. Sodium Hypochlorite
  - B. EDTA
  - C. Hydrogen Peroxide
  - D. Chlorhexidine

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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. Define Dentin Hypersensitivity. Discuss the cause, mechanism and management of dentin Hypersensitivity.

**II. Write short notes on :**

**(3 x 5 = 15)**

2. Standardization of endodontic instruments.
3. Differences between class 2 amalgam and inlay cavity preparations.
4. Pain control in endodontics.

**SECTION – C**

**III. Write an Essay on :**

**(1 x 10 = 10)**

5. Define working length in endodontics. Enumerate the methods to determine working length . Discuss in detail Apex Locators.

**IV. Write short notes on :**

**(3 x 5 = 15)**

6. Endodontic Microbiology.
7. Matrices for class 2 Restorations.
8. Avulsed Tooth its management.

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