

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

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

PAEDIATRICS AND PREVENTIVE DENTISTRY

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.**

PAEDIATRICS AND PREVENTIVE DENTISTRY**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. The child's first dental visit and oral examinations should take place by at least:
 - A. 1 year of age
 - B. 3 years of age
 - C. 6 years of age
 - D. 4 years of age
2. In caries risk assessment which of the following factors are evaluated?
 - A. Medical and social history
 - B. Dietary habits
 - C. Fluoride use
 - D. Plaque control
3. Evidence of development of human tooth can be observed as early as
 - A. 6th week of embryonic life
 - B. 11th week of embryonic life
 - C. 14th week of embryonic life
 - D. 16th week of embryonic life
4. Microdontia and Macrodontia of teeth is because of damage in _____ stage of tooth development?
 - A. Initial / Proliferation
 - B. Histodifferentiation
 - C. Morphodifferentiation
 - D. Apposition
5. Which of the following is not a part of Erikson's model for Personality Development?
 - A. Trust Vs Mistrust
 - B. Initiative Vs Guilt
 - C. Autonomy Vs Doubt
 - D. None of the above
6. Approving a child's behavior in front of its parent's verbally is known as
 - A. Social
 - B. Material
 - C. Activity
 - D. None of the above
7. Id, ego, super ego are part of
 - A. Freud's Psychoanalytical theory
 - B. Erikson's model of Personality Development
 - C. Piaget's theory
 - D. Skinner's theory
8. A child of 2 years of age reports to the dental office with its parents and resists examination by the dentist. According to Wright's classification of child's behavior which category the child will fall in?
 - A. Cooperative
 - B. Lacking Cooperative ability
 - C. Potentially Cooperative
 - D. Timid behaviour
9. HOME was introduced by
 - A. Le vitas
 - B. Evangeline Jordan
 - C. Addelston
 - D. Gesell

10. The most commonly used agent for inhalation conscious sedation is
 - A. Nitrous Oxide - Oxygen
 - B. Halothane
 - C. Ether
 - D. Fluorothane
11. Deficiency of which of the following causes neural tube defects like anencephaly and Spina bifida?
 - A. Iron
 - B. Folic acid
 - C. Zinc
 - D. Calcium
12. The daily dietary recommendation of calcium in children is
 - A. 600-800 mg
 - B. 800-1200 mg
 - C. 1200-1600 mg
 - D. 1600-2000 mg
13. Which of the following is an avulsion medium?
 - A. Bovine milk
 - B. Hot water
 - C. Povidone iodine
 - D. Antiseptic solutions
14. In which of the following criteria, Distal shoe space maintainer can be placed
 - A. Absence of first Primary molar
 - B. Absence of second Primary molar
 - C. Absence of first Permanent molar
 - D. Absence of second Permanent molar
15. Which of the following is undesirable side effects of Chlorhexidine?
 - A. Brown diffuse discolouration of teeth
 - B. Unpleasant bitter taste
 - C. Dryness of the mouth
 - D. Burning sensation of the tongue
16. The concentration of phosphoric acid used for acid etching unusually is
 - A. 30-50 % acid solution or gel
 - B. 10-20% acid solution
 - C. 70-80% acid solution or gel
 - D. Less than 10%
17. Use of rubber dam offer which of the following advantages
 - A. Saves time
 - B. Provides Protection
 - C. Controls Saliva
 - D. All of the above
18. Recommended age of discontinuing bottle feeding is
 - A. 12 months
 - B. 8 months
 - C. 20 months
 - D. 18 months
19. Apart from the permanent third molars the most commonly missing permanent tooth is
 - A. Mandibular second premolar
 - B. Maxillary lateral incisors
 - C. Maxillary Second Premolar
 - D. Mandibular Central Incisors
20. The basic fear of most children under 2 years of age is concerned with
 - A. Separation from the parent
 - B. Injection of local anesthetics
 - C. The reason for dental treatment
 - D. The instruments to perform dental treatment

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PAEDIATRICS AND PREVENTIVE DENTISTRY

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. Classify Behaviour management. Write in detail on. Pharmacological Behaviour Management.

II. Write short notes on :

(3 x 5 = 15)

2. Teething in children.
3. Distal Shoe Space Maintainer – Explain with diagram.
4. Resin Modified Glass ionomer cement.

SECTION – C

III. Write an Essay on :

(1 x 10 = 10)

5. Classify Topical fluorides. Write in detail on steps in application of fluoride in children.

IV. Write short notes on :

(3 x 5 = 15)

6. Inferior alveolar Nerve block in children.
7. Explain various materials use for pulpotomy procedure.
8. Hawley's Appliance and its uses.
