

Sl.No. M23108

Course Code : 161324T08

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

**BDS DEGREE EXAMINATION – November 2020
Fourth Year**

PUBLIC HEALTH 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.**

PUBLIC HEALTH 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. Epidemiology is concerned with disease manifested in
 - A. Individual patient
 - B. Selected population
 - C. Total community
 - D. Hospital cases

2. Sub mucous Fibrosis is more common in
 - A. Bidi Smokers
 - B. Tobacco chewers
 - C. Pan Masala Chewers
 - D. Cigar Smokers

3. Incidence is defined as
 - A. Awareness of disease during any period of time.
 - B. Awareness of disease in a population.
 - C. Awareness of disease during a specific period of time in a population.
 - D. Occurrence of new disease cases in a population during a specified period of time.

4. One of the uses of Epidemiology is
 - A. Study of rise and fall of Prevalence of disease.
 - B. Community Diagnosis
 - C. To study completely the natural history of disease.
 - D. All of the above.

5. The optimum concentration of Fluoride in drinking water is
 - A. 1.2ppm
 - B. 1.0ppm
 - C. 1.1ppm
 - D. 0.8ppm

(p.t.o.)

6. Dental cavies and periodontal disease are caused by
 - A. Dental plaque
 - B. Pellicle
 - C. Calculus
 - D. Materia alba

7. The first water fluoridation was done in
 - A. Sweden
 - B. Canada
 - C. Michigan (USA)
 - D. California

8. Acidulated phosphate fluoride contains
 - A. 0.9% fluoride ion
 - B. 1.23% fluoride ion
 - C. 1.5% fluoride ion
 - D. 2.0% fluoride ion

9. Length of CPITN probe is
 - A. 14.0mm
 - B. 11.5mm
 - C. 13.0mm
 - D. 12.5mm

10. The third generation Pit and Fissure Sealant is
 - A. UV light cured
 - B. Visible light cured
 - C. Auto polymerizing
 - D. None of the above

11. How many surfaces of the teeth are examined in simplified Oral Hygiene Index?
 - A. 6
 - B. 12
 - C. 18
 - D. 24

12. The important characteristics of the public health methods is/are
 - A. Group responsibility
 - B. Team spirit
 - C. Prevention
 - D. All of the above

13. Objectives of Dental Health Education includes
 - A. Information
 - B. Motivation
 - C. Guidance
 - D. All of the above
14. Chemical used for disinfection of water is
 - A. Calcium chloride
 - B. Bleaching powder
 - C. Sodium chloride
 - D. Potassium chloride
15. Disease which is spread by rodentel is
 - A. yellow fever
 - B. Dysentery
 - C. Salmon ellosis
 - D. Heishmanialil
16. What is Formative Evaluation?
 - A. It means Internal Evaluation of a project.
 - B. It means External Evaluation of a project.
 - C. Both of the above.
 - D. None of the above.
17. The personal involved in the integrated child development programme of WHO
 - A. Dhai
 - B. Anganavadiworker
 - C. Village health Volunteers
 - D. School Health teacher
18. Which is the most important step for planning the dental care for a school?
 - A. Use of flouride tablets
 - B. Follow up
 - C. Treating caries
 - D. Treating periodontal disease
19. Highest caries activity is shown by
 - A. Fructose
 - B. Sucrose
 - C. Maltose
 - D. Starch
20. Deficiency of Vitamin E causes
 - A. Hyperkeratosis
 - B. Hyperplasia of gingival disease
 - C. Atrophy of odontoblastis
 - D. Disarrangement of ameloblastis

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**BDS DEGREE EXAMINATION – November 2020
Fourth Year**

PUBLIC HEALTH 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. Define Dental Auxillary. Mention the classification of dental auxiliaries. Add a note on duties of School Dental Nurse.

II. Write short notes on :

(3 x 5 = 15)

2. Describe in detail Principles of ethics.
3. Chemical plaque control agents.
4. Occupational Hazards in Dentistry.

SECTION – C

III. Write an Essay on :

(1 x 10 = 10)

5. Define planning and Describe in detail various steps in planning.

IV. Write short notes on :

(3 x 5 = 15)

6. Indications and Contraindications of pit and Fissure Sealants.
7. Disposal of Hospital waste.
8. Sampling.
