

Seat No.: _____

PRN _____

SANKALCHAND PATEL UNIVERSITY

BDS – 4th Year – EXAMINATION – July-Sept. 2024

Subject Code: 1DS1010308

Date: 08/07/2024

Subject Name: Public Health Dentistry

Total Marks: 70

Time: 3 Hrs.

Instructions:

1. Use separate answer book for each section.
2. Draw diagrams wherever necessary.
3. Figures to the right indicate marks.

SECTION – A

- Q.1 Answer following Structured Long Essay (1 out of 2) 10
- A Discuss the role of diet in maintaining optimal oral health.
B Discuss the purification of water on large scale in detail.
- Q.2 Answer following Short Essay (3 out of 5) 15
- A Snyder test
B *t* test
C Biases in dental research
D Caries Vaccine
E Cultural Anthropology
- Q.3 Answer following Objective type questions. 5
- A Write the full form for THETA and SHARP.
B Human anatomical wastes are disposed in which colour coding bag?
C When WHO was established?
D What are 5 A's and 5 R's?
E When and who gave the concept of New Zealand dental nurse?
- Q.4 Answer following MCQ's 5
- A First step in public health procedure is
a) Analysis of programme b) Planning
c) Situational analysis d) Evaluation
- B Third generation sealants are cured by
a) Self-cure b) Visible light
c) UV light d) Natural light
- C Father of Public Health
a) Cholera b) Jhon Show
c) CEA Winslow d) K Park
- D Disease spreads from one country to another in short time, is called as
a) Endemic b) Sporadic
c) Pandemic d) Epidemic
- E Following is not the measure of dispersion
a) Range b) Standard deviation
c) Variance d) Mean

SECTION – B

- Q.5 Answer following Structured Long Essay (1 out of 2) 10
- A Discuss in detail the third-party payments in dentistry.
 - B Discuss in detail "Prevention is better than cure"
- Q.6 Answer following Short Essay (3 out of 5) 15
- A COPRA
 - B CPI/ LOA
 - C APF
 - D HFA 2000
 - E RCT (Randomized Control Trial)
- Q.7 Answer following Objective type questions. 5
- A What is Two tone solution?
 - B Who introduce the concept of ART?
 - C Which was the first dental college established in World and in India?
 - D What do you mean by Veracity?
 - E What do you mean by "Coming in crowd"?
- Q.8 Answer following MCQ's 5
- A The sampling that requires the researcher to select every 11th subject from a list is
 - a) Stratified
 - b) Multi stage
 - c) Systemic
 - d) Purposive
 - B Case control study comes under
 - a) Retrospective study
 - b) Cross sectional study
 - c) Prospective study
 - d) Experimental study
 - C The best method to show the association between height and weight of children in a class is by
 - a) Bar chart
 - b) Scatter diagram
 - c) Line diagram
 - d) Histogram
 - D Modified Deans fluorosis index has
 - a) 5-point scale
 - b) 6-point scale
 - c) 7-point scale
 - d) 8-point scale
 - E The main site of absorption of ingested fluorides is
 - a) Bones
 - b) Large intestine
 - c) Kidneys
 - d) Small intestine

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SANKALCHAND PATEL UNIVERSITY

BDS – 4th year – EXAMINATION – Sept – Dec 2023

Subject Code: IDS1010308

Date:08/12/2023

Subject Name: Public Health Dentistry

Time: 3 Hrs.

Total Marks: 70

Instructions:

1. Use separate answer book for each section.
2. Draw diagrams wherever necessary.
3. Figures to the right indicate marks.

SECTION – A

- Q.1 Answer following Structured Long Essay (1 out of 2) 10
- A Define health education. Write and explain in details various principles of health education.
 - B Define dental auxiliary. Classify dental auxiliaries. Write in details about various dental auxiliaries.
- Q.2 Answer following Short Essay (3 out of 5) 15
- A Explain in brief steps in survey procedures
 - B Explain in brief steps in atraumatic restorative treatment (ART)
 - C Principles of primary health care (PHC)
 - D Explain major ethical principles
 - E Write studies related to diet and dental caries
- Q.3 Answer following Objective type questions 5
- A Basic oral health survey age groups
 - B Who proposed cariogram?
 - C Third generation pit and fissure sealant
 - D Sudden outburst of disease is called as
 - E Tools of measurement of epidemiology
- Q.4 Answer following MCQ's 5
- A The great sanitary awakening took place in
 - a. England
 - b. China
 - c. Rome
 - d. Egypt
 - B Who introduced ART technique?
 - a. Dean
 - b. Murray
 - c. Frencken
 - d. Knutson

- C Most effective method of educating people is
 - a. Mass education
 - b. Individual education
 - c. Mass media
 - d. Pamphlets
- D Ethics can be defined in a best way as
 - a. Set of unwritten rules
 - b. Science of moral duty
 - c. The quality that distinguishes a professional from a lay person
 - d. Unwritten code of inter-professional conducts between doctors and their colleagues
- E In levels of prevention specific protection is under
 - a. Primary prevention
 - b. Secondary prevention
 - c. Tertiary prevention
 - d. Quaternary prevention

SECTION – B

- Q.5 Answer following Structured Long Essay (1 out of 2) 10
- A Define epidemiology. Write in details about the various steps involved in descriptive epidemiology.
 - B Define plan. Draw and explain the steps involved in the planning cycle
- Q.6 Answer following Short Essay (3 out of 5) 15
- A Color coding for disposal of hospital waste
 - B Various etiological factors of oral cancer
 - C Caries activity tests
 - D Difference between slow and rapid sand filtration
 - E Occupational Safety and Health Administration (OSHA) principles
- Q.7 Answer following Objective type questions 5
- A Levels of prevention
 - B When disease spreads from one country to another in short time it is called
 - C Oral malignancy is most common in which country
 - D Heart of RCT is
 - E Incidence
- Q.8 Answer following MCQ's 5
- A In the guide to tobacco counseling '5As' does not include
 - a. Allow
 - b. Ask
 - c. Assess
 - d. Assist
 - B Method of choice of caries activity test in children is
 - a. *Lactobacillus* colony count test
 - b. Calorimetric Snyder test
 - c. Swab test
 - d. Dipslide method of *S. mutans* count

- C In changing concepts of public health dentistry health promotional phase happened at
- 1920-1960
 - 1960-1980
 - 1880-1920
 - 1980-2000
- D Pilot study is done to
- Find the feasibility
 - Determine the sample size
 - Find the unknown effect
 - All of the above
- E Standard deviation is a measure of
- Variability
 - Central tendency
 - Correlation
 - Regression

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SANKALCHAND PATEL UNIVERSITY

BDS – 4th year – EXAMINATION – May – July 2023

Subject Code: 1DS1010308

Date: 10/07/2023

Subject Name: Public Health Dentistry

Time: 3 Hrs.

Total Marks: 70

Instructions:

1. Use separate answer book for each section.
2. Draw diagrams wherever necessary.
3. Figures to the right indicate marks.

SECTION – A

- Q.1 Structured following Long Essay (1 out of 2) 10
- A Define Epidemiology. Discuss RCT in details.
 - B Write Mechanism of action of fluorides in detail.
- Q.2 Answer following Short Essay (3 out of 5) 15
- A Bias in research
 - B Write any two caries activity tests in details
 - C Ideal requirements of indices
 - D Hypothesis
 - E Level of prevention
- Q.3 Answer following Objective type questions. 5
- A Chi square test
 - B Remineralization and Demineralization
 - C Kurtosis
 - D Confounding factor
 - E Full name of THETA
- Q.4 Answer following MCQ's. 5
- A The Atomic Number of Fluorine is:
 - A. 6
 - B. 9
 - C. 11
 - D. 21
 - B Diarrhoea in children during teething is considered as normal phenomenon. It is a kind of:
 - A. Belief
 - B. Custom
 - C. Taboo
 - D. None of the above

- C Most cariogenic sugar is:
 - A. Sucrose
 - B. Galactose
 - C. Fructose
 - D. Starch
- D Areca nut chewing is more associated with:
 - A. OSMF
 - B. Leukoplakia
 - C. Oral ulcer
 - D. Leukoderma
- E Who is called as "Father of Public Health"?
 - A. William Budd
 - B. Thomas Sydenham
 - C. John Snow
 - D. John Hunter

SECTION – B

- Q.5 Structured following Long Essay (1 out of 2) 10
- A Define Health Education. Describe various Principles of Health Education.
 - B Define Planning. Discuss the Steps of Planning.
- Q.6 Answer following Short Essay (3 out of 5) 15
- A Principles of Ethics
 - B School Dental Nurse
 - C Changing concept of Health
 - D Random Sampling methods
 - E Caries Vaccine
- Q.7 Answer following Objective type questions. 5
- A Define Indices
 - B "Point Prevalence"
 - C Full form "UNICEF"
 - D Acid Etching
 - E Spot Map
- Q.8 Answer following MCQ's. 5
- A The concentration of Fluoride is higher in:
 - A. Enamel
 - B. Dentin
 - C. Cementum
 - D. Periodontal ligament

- B While using CPITN probe, the maximum sensing force allowed is:
- A. 30 grams
 - B. 20 grams
 - C. 35 grams
 - D. 30 – 50 grams
- C As temperature increase dental caries
- A. Decreases
 - B. Increases
 - C. Remain same
 - D. None of the above
- D Best ages for the application of fissure sealants in children are:
- A. 6 - 12
 - B. 3 - 9
 - C. 9 - 14
 - D. Above 18
- E The other name for root mean square deviation is:
- A. Mean deviation
 - B. Standard deviation
 - C. Quartile deviation
 - D. None of the above

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SANKALCHAND PATEL UNIVERSITY

BDS – 4th Year – EXAMINATION, NOV-DEC 2022

Subject Code: IDS1010308

Date: 10/12/ 2022

Subject Name: Public Health Dentistry

Time: 3 Hrs.

Total Marks: 70

Instructions:

1. Use separate answer book for each section.
2. Draw diagrams wherever necessary.
3. Figures to the right indicate marks.

SECTION – A

- Q.1 Answer following Structured Long Essay. (Any One) 10
- A Define epidemiology and discuss RCT in details
 - B Nutrition and Oral Health
- Q.2 Answer following Short Essay. (Any three) 15
- A Level of Prevention
 - B Role of Dentist in Tobacco Cessation
 - C Types of Data
 - D Regulatory approach
 - E Normal curve
- Q.3 Answer following in short. 5
- A Markings of CPITN probe
 - B Define Health
 - C Bacteria responsible for dental caries
 - D Concentration of fluoride in Enamel and Dentin
 - E Define indices
- Q.4 Answer following MCQ's. 5
- 1 Minimum school attendance is required for Mid-Day Meal Program is?
A. 80% B. 75%
C. 90% D. 50%
 - 2 World Health day is celebrated on which date?
A. 6th March B. 1st December
C. 11th December D. 7th May
 - 3 Concentration of Fluoride in School Water is?
A. 1ppm
B. 0.8ppm
C. 2.5ppm
D. 4.5ppm
 - 4 The markings missing in William's periodontal probe are?
A. 2 and 4
B. 4 and 6
C. 3 and 6
D. 5 and 7
 - 5 Which type of Fissure is difficult to clean?
A. V type
B. U type
C. I type
D. W type

SECTION – B

- Q.5 Answer following Structured Long Essay. (Any One)
- A Discuss various topical fluoride application techniques
 - B Principles of Health Education
- Q.6 Answer following Short Essay. (Any three)
- A Discuss various sampling techniques in research
 - B School dental nurse
 - C Indication and contraindication of ART
 - D Ethics in dentistry
 - E Snyder test
- Q.7 Answer following in short.
- A Define public health
 - B Difference between OHI and OHIs
 - C Bright smile bright future program
 - D Role of DCI in India
 - E Which is the first dental college of India?
- Q.8 Answer following MCQ's.
- 1 Antidote for fluoride toxicity is?
 - A. Milk
 - B. Water
 - C. Vinegar
 - D. Orange Juice
 - 2 CLD of fluoride?
 - A. 32-64mg/kg
 - B. 16-32 mg/kg
 - C. 8-16 mg/kg
 - D. 4-8 mg/kg
 - 3 Concentration of Fluoride in water in summer is?
 - A. 1ppm
 - B. 1.2ppm
 - C. 0.7ppm
 - D. 0.5ppm
 - 4 Atomic number of fluorine
 - A. 9
 - B. 19
 - C. 29
 - D. 7
 - 5 WHO index age group is?
 - A. 10 years
 - B. 12 years
 - C. 20 years
 - D. 50 years

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SANKALCHAND PATEL UNIVERSITY

BDS – 4th Year – EXAMINATION – July – Sept 2022

Subject Code: 1DS1010308

Date: 13/07/2022

Subject Name: Public Health Dentistry

Time: 3 Hrs.

Total Marks: 70

Instructions:

1. Use separate answer book for each section.
2. Draw diagrams wherever necessary.
3. Figures to the right indicate marks.

SECTION – A

- Q.1 Answer following Structured Long Essay. (Any One) 10
- A Define Health Education. Discuss in detail the Principles of Health Education
 - B What is Primary Health Care. Discuss the Principles of Primary Health Care
- Q.2 Answer following Short Essay. (Any three) 15
- A Classical Dietary Studies
 - B Iceberg's Phenomenon
 - C Dental Caries – A multifactorial disease
 - D Difference between Public Health Dentist and Private Practitioner
 - E ADA Specification of Tooth Brush
- Q.3 Answer following in short. 5
- A Attributable Risk
 - B Epidemiological Triad
 - C DCI
 - D Break Point
 - E Potable Water
- Q.4 Answer following MCQ's. 5
- A Reliability of a screening test
 - a. Depends on knowledge of observer
 - b. Gives same value on repeated testing
 - c. Extent of observer in finding the result
 - B NRHM – National Rural Health Mission was launched in Year
 - a. 2000
 - b. 2005
 - c. 2020
 - C Third Hand Smoking
 - a. Smoke inhaled from cigarette
 - b. Smoke exhaled from smoker
 - c. Chemical residue of tobacco smoke which gets attached to clothing, furniture etc
 - D Multifactorial Causation of Disease was put forward by
 - a. John M Last
 - b. Winslow
 - c. Pettenkofer of Munich
 - E Which does not come in Principles of Epidemiology
 - a. Randomization
 - b. Exact Observation
 - c. Rational Explanation

SECTION - B

- Q.5 Answer following Structured Long Essay. (Any One)
- A Define Public Health. Discuss the changing concepts of Public Health
 - B Define Survey Procedures. Discuss various Sampling designs used in Surveys
- Q.6 Answer following Short Essay. (Any three)
- A Rapid Sand Filtration
 - B Bangalore Method of Composting
 - C Methods of Descriptive Epidemiology
 - D Bias in Case Control Study
 - E Blanket Referral
- Q.7 Answer following in short.
- A Heart of RCT
 - B Full form of THETA
 - C Prevalence
 - D Pandemic
 - E Odds Ratio
- Q.8 Answer following MCQ's.
- A Comprehension in Principle of Health Education means
 - a. Trustworthy
 - b. Level of Knowledge
 - c. Level of understanding
 - B Trench Method is used in which method of Disposable of Waste
 - a. Controlled Tipping
 - b. Dumping
 - c. Composting
 - C Declaration of Helsinki was developed by
 - a. World Health Organization
 - b. World Medical Association
 - c. Indian Medical Association
 - D Fluoride as an element was discovered by Churchill in
 - a. 1900
 - b. 1931
 - c. 1945
 - E World's first Dental Hygienist
 - a. Irene Newman
 - b. Alfred Fones
 - c. JM Eager

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SANKALCHAND PATEL UNIVERSITY
BDS – 4th Year – EXAMINATION – NOV-DEC 2021

Subject Code: 1DS1010308

Date: 14 /12/ 2021

Subject Name: Public health dentistry

Time: 3 hours

Total Marks: 70

Instructions:

1. Use separate answer book for each section.
2. Draw diagrams wherever necessary.
3. Figures to the right indicate marks.

SECTION – A

- Q.1 Answer Structured Long Essay (1 out of 2) 10
- A Define Health Education. Enumerate in detail the principles of Health Education.
 - B Classify Dental Auxillaries and explain in detail the functions of each auxillary.
- Q.2 Answer Short Essay (3 out of 5) 15
- A Descriptive Epidemiology
 - B CPA
 - C Principles of Dental Ethics
 - D Air Pollution
 - E Fluoride Toxicity
- Q.3 Answer following Objective type / short questions 5
- A Prevalence and Incidence
 - B Iceberg Phenomenon
 - C First artificial water fluoridation
 - D Stephan's Curve
 - E First Dental College in India
- Q.4 Answer following MCQ's 5
- 1 Study which proceeds from cause to effect
 - a. Case control
 - b. Descriptive
 - c. Cohort
 - 2 Reliability of a screening test refers to
 - a. Depends on the knowledge of observer
 - b. Gives same values even on repeated testing
 - c. Accurately measures what it intends to measure

- 3 Measurement of strength of association
 - a. Attributable Risk
 - b. Odds Ratio
 - c. Relative Risk
- 4 Socratic method of communication is
 - a. Two way communication
 - b. One way communication
 - c. Formal Communication
- 5 Endemic Disease means
 - a. Exhibits seasonal pattern
 - b. Constantly present in a given population group
 - c. Prevalent among animals

SECTION – B

Q.5 Answer Structured Long Essay (1 out of 2)

- A Classify Fluoride Delivery System. Discuss in detail Topical Fluoride Application
- B Define Epidemiology. Discuss Epidemiology of Dental Caries in detail.

Q.6 Answer Short Essay (3 out of 5)

- A Randomized Clinical Trial
- B Levels of Prevention
- C Primary Health Care
- D Knutson's Technique
- E Incremental Dental Care

Q.7 Answer following Objective type / short questions

- A WHO
- B Full form of THETA & HMO
- C Epidemiological Triad
- D Odds ratio
- E Blanket Referral

Q.8 Answer following MCQ's

- 1 Vitamin A prophylaxis is an example of
 - a. Specific protection
 - b. Health promotion
 - c. Disability Limitation

- 2 Number of new cases of a specific disease occurring in a defined population in a specific period of time
 - a. Prevalence
 - b. Incidence
 - c. Distribution
- 3 Emporiatrics is
 - a. Health of travelers
 - b. Epidemics
 - c. Child Health
- 4 Prevention of Disease has ----- Level
 - a. One
 - b. Three
 - c. Four
- 5 When a disease spreads from one country to another in short time
 - a. Epidemic
 - b. Pandemic
 - c. Endemic

- 4 Fluoride safe dose is
- 8-16 mg F/kg body weight
 - 16-32 mg F/kg body weight
 - 30-64 mg F/kg body weight
 - 12-30 mg F/kg body weight
- 5 The foolproof method to check the diet counseling is
- Lactobacillus test
 - Snyder test
 - Vinegar test
 - None of the above

SECTION - B

Q.5 Answer following Structured Long Essay (1 out of 2)

- Define Health Education. Discuss in detail of principle of Health education.
- Define biostatistics and data. Discuss in details various methods of presentation statistical data.

Q.6 Answer following Short Essay (3 out of 5)

- House hold purification of water
- New Zealand dental nurse
- Third Party Payment plans
- Classify topical fluorides. Describe Knutson technique
- Diet and dental caries

Q.7 Answer following Objective type questions

- Any two limitation of DMFT index
- New type of dental Auxillaries
- Define primary prevention
- Interpretation of OHIS
- Define Health

Q.8 Answer following MCQ's

- Examining a patient in dental office is equivalent to community dental health if
 - Surveying
 - Programme planning
 - Analyzing of data
 - Evaluation
- First Dental College established in India is
 - Madras dental college, 1910
 - Nair dental college, Bombay, 1920
 - Sir Ahmedi dental college, 1920
 - Maulana azad college, Delhi, 1935

- 3 Any Principal/dean of recognized Dental College can become a member of Dental Council of India. The maximum members in such category can be:
- a) Two
 - b) Three
 - c) Four
 - d) Six
- 4 Dentist act was introduced on
- a) 27th March 1948
 - b) 29th March 1948
 - c) 27th March 1949
 - d) 29th March 1949
- 5 Maintenance of standards in dental education is the responsibility of
- a) IDA
 - b) DCI
 - c) WHO
 - d) FDI

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SANKALCHAND PATEL UNIVERSITY
BDS – 4th Year – EXAMINATION – July-August- 2020

Subject Code:1DS1010308

Date:04/09/2020

Subject Name: Public Health Dentistry

Time: 3 hours

Total Marks: 70

Instructions:

1. Use separate answer book for each section.
2. Draw diagrams wherever necessary.
3. Figures to the right indicate marks.

SECTION – A

- Q.1** Answer following Structured Long Essay (1 out of 2) 10
- A** Enumerate various water borne diseases. Describe briefly on rapid sand filtration of water for supply to a big city.
- B** Define Epidemiology. Classify epidemiological studies and explain RCT.
- Q.2** Answer following Short Essay (3 out of 5) 15
- A** Ayushman Bharat.
- B** Bangalore Method.
- C** Principles of Primary Health Care.
- D** Voluntary Health Agencies.
- E** Iceberg Phenomenon of Disease.
- Q.3** Answer following Objective type questions 5
- A** Pandemic.
- B** Colour coding of biomedical waste management.
- C** BIAS.
- D** Primordial level of prevention.
- E** Incineration.
- Q.4** Answer following MCQ's 5
- A** 'CPITN' probe is of types:
i). 2 ii). 3 iii). 1 iv). 4
- B** In 'GOBI' the letter 'B' stands for:
i) Breast Feeding ii) Breast Cater
iii). Breast Nourish iv). None of These.
- C** Which of the following is a WHO index age group (in years):
i) 55-62 ii) 25-32 iii) 07 iv). 35-44
- D** RCT in Epidemiology is:
i). Root Canal Treatment ii). Root Customized Treatment
iii). Randomized Controlled Trial iv). None of these.
- E** WHO has declared the COVID-19:
i). Epidemic ii). Pandemic iii). Endemic iv). None of These.

SECTION - B

Q.5 Answer following Structured Long Essay (1 out of 2)

- A Describe briefly a plan to improve the oral health status of undeserved school children.
- B Define prevention. Discuss various level of prevention of oral cancer.

Q.6 Answer following Short Essay (3 out of 5)

- A Third party payment plan.
- B Nalgonda Technique.
- C Diet and dental caries.
- D COPRA.
- E School Dental Nurse.

Q.7 Answer following Objective type questions

- A Blanket Referral.
- B Composite Index.
- C EFDA.
- D Sensitivity of an Index.
- E Nuremberg Code.

Q.8 Answer following MCQ's

- A WHO headquarter is situated in:
i). India ii). Geneva iii). New-Zealand iv). U. K.
- B Every year 31st May is celebrated as:
i) No Polio Day ii) Oral Health Day
iii). No Tobacco Day iv). None of These.
- C Type of examination used in clinics:
i) Type-I ii) Type-II iii) Type-III iv). Type-IV
- D 1st dental college in India is situated in:
i). Bihar ii). West-Bengal iii). Haryana iv). None of these
- E Who gave the concept of Primary Health Care.
i). WHO ii). Bhore Committee
iii). Srivastava Committee iv). Germ Theory



CAB-8358

Seat No. _____

Fourth Year B. D. S. Examination

July / August - 2019

Public Health Dentistry

Time : 3 Hours]

[Total Marks : 70

SECTION - I

- 1 Define Epidemiology. Discuss in detail about Analytic epidemiology. 14
- 2 Write short notes : (any **three**) 15
 - a. Bangalore technique
 - b. Pit and fissure Sealant
 - c. Balanced Diet
 - d. Cultural Anthropology
 - e. Role of Public Health Dentist.
- 3 Write answers of short questions : 6
 - a. Full Form: ASHA, ESIS.
 - b. Primordial Prevention.
 - c. Name any two caries activity test.
 - d. Founder of ART.
 - e. What is sampling frame ?
 - f. What is cost utility analysis ?

SECTION - II

- 4 Justify: Fluoride - Double edged sword.
- 5 Write short notes : (any **three**)
- Measures of Dispersion
 - Delta Dental Plan
 - Principles of Ethics
 - New Zealand dental nurse
 - Ideal requisites of an Index.
- 6 Short questions :
- What is cold chain ?
 - What is vital layer ?
 - Russell's Rule.
 - What is pandemic ?
 - What is point prevalence ?
 - Define Public Health.
-



MZ-17508

Seat No. _____

Final Year B. D. S. Examination

July / August - 2018

Public Health Dentistry

Time : Hours]

[Total Marks : 70

SECTION - A

- 1 Define Auxiliary. Describe in detail EFDA. 14
Discuss Denturism.
- 2 Short notes : (Any **Three**) 15
 - (a) Changing concepts in Public Health
 - (b) Chi square Test
 - (c) Indications and Contraindications of Pit and Fissure Sealants and ART.
 - (d) HMO
 - (e) Define Balanced Diet and discuss how it affects Oral Health.
- 3 Short Questions : 6
 - (1) Define Health.
 - (2) Where and when did the first Dental College develop in India.
 - (3) Finger Press Technique
 - (4) Loss Leader
 - (5) Vital Layer
 - (6) Concentration of fluoride in School Water Fluoridation.

SECTION - B

- 4 There is a village of around 20,000 people near Mehsana district of Gujarat. A large part of the population suffers from staining (Dental) there. Discuss how you will plan a health program / measures to tackle the same.
- 5 Short notes : (Any Three)
- (a) Community Participation and Appropriate Technology
 - (b) Sampling Techniques
 - (c) Difference between Case Control and Cohort Study.
 - (d) CPITN
 - (e) Plaque Disclosing Agents.
- 6 Short Questions :
- (1) Concentration of APF gel
 - (2) Full name : RCT, WHO
 - (3) What is TORT
 - (4) Nuclear Family
 - (5) Folk and Mores
 - (6) What is Blinding ?