

[LC 661]

FEBRUARY 2013

Sub. Code: 4186

FINAL YEAR B.D.S. DEGREE EXAM  
PAPER – VIII PUBLIC HEALTH DENTISTRY

*Q.P.Code: 544186*

**Time : 180 Minutes**

**Maximum : 70 marks**

**I. Elaborate on:**

**(2x10=20)**

1. Define Planning. Write in detail the various steps in planning
2. Define potable water. Write in detail steps in large scale water purification

**II. Write notes on:**

**(10x5=50)**

1. Write a brief note on the disability Indicators
2. What are the types of oral examination
3. Write a brief note on Snyder's Test
4. Write a note about pit and fissure sealants
5. Detail about acute fluoride toxicity and management
6. Write a note on screening
7. Write a brief note on sociology
8. What are the various voluntary health agencies
9. Enumerate the various steps in cohort study
10. Define and discuss pandemic

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[LD 661]

AUGUST 2013

Sub. Code: 4186

**FOURTH YEAR B.D.S. DEGREE EXAM  
PAPER – VIII PUBLIC HEALTH DENTISTRY**

*Q.P.Code: 544186*

**Time: 180 Minutes**

**Maximum: 70 Marks**

**I. Elaborate on:**

**(2x10=20)**

1. Define Survey. Describe in detail the protocol and conduct of the survey.
2. What are the various modes of payment of dental care?

**II. Write notes on:**

**(10x5=50)**

1. Write a brief note on the mortality indicators.
2. Write a note on hand wash.
3. Write in brief about caries vaccine.
4. Various methods of chemical plaque control.
5. Write a brief note on tobacco cessation.
6. Discuss about group practice.
7. Write a brief note on psychology.
8. Define and discuss expanded immunization scheme.
9. Define and discuss prevalence.
10. Define and write a note on endemic.

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[LE 661]

FEBRUARY 2014

Sub. Code:4186

**FOURTH YEAR B.D.S. DEGREE EXAM  
PAPER VIII - PUBLIC HEALTH DENTISTRY**

*Q.P Code: 544186*

**Time: Three Hours**

**Maximum: 70 marks**

**I. Elaborate on:**

**2X10=20 Marks**

1. Define preventive dentistry. Describe the different levels of prevention of Dental Caries.
2. Define Index. Describe the ideal requirements of an Index. Discuss CPITN in detail.

**II. Write Notes on:**

**10X5=50 Marks**

1. Survey.
2. Tests of significance.
3. Evaluation.
4. DMFT.
5. Serial extraction.
6. Fluoride toxicity.
7. Prevention of oral cancer.
8. Case history.
9. Plaque control.
10. Aims of epidemiology.

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[LF 661]

AUGUST 2014

Sub. Code: 4186

**FOURTH YEAR B.D.S. DEGREE EXAM  
PAPER VIII - PUBLIC HEALTH DENTISTRY**

*Q.P Code: 544186*

**Time: Three hours**

**Maximum: 70 marks**

**Answer All questions in the same order  
Draw suitable diagrams wherever necessary**

**I. Elaborate on:**

**(2X10=20)**

1. Define epidemiology. Write in detail about epidemiological triad.
2. What are the various methods of finance in dental care?

**II. Write Notes on:**

**(10X5=50)**

1. Spectrum of health.
2. Dental Council of India.
3. Diet counselling
4. Defluoridation
5. Chemical plaque control
6. Caries activity test
7. Measures of Dispersion
8. Endemic
9. Sea outfall
10. Incremental care

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[LG 661]

FEBRUARY 2015

Sub. Code: 4186

**FOURTH YEAR B.D.S. DEGREE EXAM  
PAPER VIII - PUBLIC HEALTH DENTISTRY**

*Q.P Code: 544186*

**Time: 180 Minutes**

**Maximum: 70 Marks**

**I. Elaborate on:**

**(2 x 10 = 20)**

1. Define Evaluation. Write in detail steps in Evaluation.
2. Define dental auxiliary. Write in detail about Operating dental auxiliaries.

**II. Write Notes on:**

**(10 x 5 = 50)**

1. Tell show do.
2. Contents of health education.
3. SHARP.
4. Incremental dental care.
5. Topical fluoride application.
6. Stratified random sampling.
7. Bias.
8. Delta dental plan.
9. Snyder test.
10. COPRA.

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[LH 661]

AUGUST 2015

Sub. Code: 4186

**FOURTH YEAR B.D.S. DEGREE EXAMINATION**

**PAPER VIII – PUBLIC HEALTH DENTISTRY**

*Q.P. Code: 544186*

**Time : Three Hours**

**Maximum : 70 marks**

**Answer All Questions**

**Draw suitable diagrams wherever necessary**

**I. Elaborate on:**

**(2 x 10 = 20)**

1. Define and classify survey. Enumerate the procedural steps in conducting a survey.
2. Describe in detail the advantages and disadvantages of various types of topical fluorides used in preventive dentistry.

**II. Write notes on :**

**(10 x 5 = 50)**

1. Insurance as a payment mode in Practice – Discuss.
2. What is Student t test?
3. Enumerate the various screening tests for oral cancer.
4. Rapid filters in water purification.
5. Tools in Public Health.
6. What are the essentials of a primary health care approach?
7. Describe the role of World health organization in health care delivery.
8. Enumerate the various methods of providing health education for a group of people.
9. What are the salient features of a school health program?
10. Enumerate the various steps in the disposal of hospital waste.

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[LI 661]

FEBRUARY 2016

Sub. Code: 4186

**THIRD YEAR B.D.S. DEGREE EXAMINATION**

**PAPER IV – PUBLIC HEALTH DENTISTRY**

*Q.P. Code : 544186*

**Time : Three Hours**

**Maximum : 70 Marks**

**Answer All Questions**

**I. Elaborate on:**

**(2 x 10 = 20)**

1. Define Health, public Health and discuss briefly the tools of Dental Public Health.
2. Define preventive Dentistry, Describe the various levels of prevention of dental caries.

**II. Write Notes on:**

**(10 x 5 = 50)**

1. Case control study.
2. Evaluation.
3. Dentists Act.
4. DMFT – Index.
5. Dental auxillary.
6. Planning.
7. Bias.
8. Survey.
9. Screening.
10. Central Tendency.

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**FOURTH YEAR B.D.S. DEGREE EXAM**  
(Common to Third Year Paper IV - Modified Regulation III Candidates and  
Final Year Paper VIII - New Modified Regulation Candidates)

**PAPER VIII – PUBLIC HEALTH DENTISTRY**

*Q.P Code: 544223*

**Time: 180 Minutes**

**Maximum: 70 Marks**

**I. Elaborate on:** **(2 x 10 = 20)**

1. Mention the various methods of water purification. Write in detail about rapid sand filter method.
2. Define and classify epidemiology. Describe in detail about descriptive epidemiology.

**II. Write Notes on:** **(10 x 5 = 50)**

1. Barriers of communication.
2. Comprehensive dental care.
3. Types of biomedical waste.
4. Measures of dispersion.
5. Indian Dental Association.
6. Mechanical plaque control.
7. Pit and fissure sealant.
8. Cohort.
9. Defluoridation methods.
10. Epidemiological triad.

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**FOURTH YEAR B.D.S. DEGREE EXAM**  
(Common to Third Year Paper IV - Modified Regulation III Candidates and  
Final Year Paper VIII - New Modified Regulation Candidates)

**PAPER VIII – PUBLIC HEALTH DENTISTRY**

*Q.P Code: 544223*

**Time: 180 Minutes**

**Maximum: 70 Marks**

**I. Elaborate on:** **(2 x 10 = 20)**

1. Define Potable water. Enumerate various methods of water purification. Write in detail about biological water purification.
2. Define planning. Enumerate the steps in planning.

**II. Write Notes on:** **(10 x 5 = 50)**

1. Behaviour learning theory.
2. Differentiate between Propaganda and health education.
3. ASKOV.
4. Comprehensive dental care.
5. Community water fluoridation.
6. Cluster sampling.
7. Sampling error.
8. Recommended dietary allowance.
9. ART.
10. Biomedical waste management.

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**FOURTH YEAR B.D.S. DEGREE EXAM**  
(Common to Third Year Paper IV - Modified Regulation III Candidates and  
Final Year Paper VIII - New Modified Regulation Candidates)

**PAPER VIII – PUBLIC HEALTH DENTISTRY**

*Q.P Code: 544223*

**Time: 180 Minutes**

**Maximum: 70 Marks**

**I. Elaborate on:** **(2 x 10 = 20)**

1. Define Health Education. Enumerate various methods of Health Education aids.
2. Describe in detail the various modes of Finance in dental care delivery.

**II. Write Notes on:** **(10 x 5 = 50)**

1. Write a brief note on the historical studies on artificial water fluoridation.
2. Enumerate the indications of pit and fissure sealants. Enumerate the various steps in the disposal of hospital waste.
3. Describe in detail the various concepts of disease.
4. Enumerate the various modes of interventions of primary prevention of dental caries.
5. OHI - S Index.
6. Enumerate the various principles of ethics.
7. Describe the Antiplaque mechanism of action of chlorhexidine mouthwash.
8. Defluoridation.
9. Describe the various methods of dispersion in biostatistics.
10. Enumerate the various types of smokeless tobacco products.

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**FOURTH YEAR B.D.S. DEGREE EXAM**  
(Common to Third Year Paper IV - Modified Regulation III Candidates and  
Final Year Paper VIII - New Modified Regulation Candidates)

**PAPER VIII – PUBLIC HEALTH DENTISTRY**

*Q.P Code: 544223*

**Time: 180 Minutes**

**Maximum: 70 Marks**

**I. Elaborate on:** **(2 x 10 = 20)**

1. Discuss the various caries activity and susceptibility test used in dental practice.
2. Define dental auxiliaries. Discuss the functions of various non operating dental auxiliaries in oral health promotion.

**II. Write Notes on:** **(10 x 5 = 50)**

1. Describe the difference between a individual and public health practice.
2. Describe the various principles of primary health care approach.
3. Describe the various uses of epidemiology.
4. Discuss the importance of normal distribution.
5. Discuss the various approaches for tobacco cessation practices.
6. Discuss the basis for third party pre payment plans in dental finance.
7. Describe the method and criteria for scoring Plaque Index.
8. Describe the various works of World Health Organization.
9. Discuss the role of caries vaccines in preventive dentistry.
10. Discuss the various concepts of causation of diseases.

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**FOURTH YEAR B.D.S. DEGREE EXAM**  
(Common to Third Year Paper IV - Modified Regulation III Candidates and  
Final Year Paper VIII - New Modified Regulation Candidates)

**PAPER VIII – PUBLIC HEALTH DENTISTRY**

*Q.P Code: 544223*

**Time: 180 Minutes**

**Maximum: 70 Marks**

**I. Elaborate on:** **(2 x 10 = 20)**

1. Describe in details the procedural steps in planning a dental public health program.
2. Define Health Education. Enumerate the contents of Health Education. Add a note on mass media.

**II. Write Notes on:** **(10 x 5 = 50)**

1. Describe the various milestones in dental public health.
2. Describe the importance of Blinding in a epidemiological study.
3. Describe the principle and procedure of Lactobacillus colony count test.
4. Discuss the role of school dental nurse in oral health delivery.
5. Epidemic.
6. Nalgonda Technique.
7. Principles of Epidemiology.
8. Discuss the advantages and disadvantages of 2% Sodium Fluoride Solution.
9. Discuss the importance of recommended index ages for oral health assessment.
10. Discuss the factors affecting the retention of a pit and fissure sealant.

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[LO 661]

**FEBRUARY 2019**

Sub. Code: 4223

**FOURTH YEAR B.D.S. DEGREE EXAM**  
(Common to Third Year Paper IV - Modified Regulation III Candidates and  
Final Year Paper VIII - New Modified Regulation Candidates)

**PAPER VIII – PUBLIC HEALTH DENTISTRY**

*Q.P Code: 544223*

**Time: 180 Minutes**

**Maximum: 70 Marks**

**I. Elaborate on:**

**(2 x 10 = 20)**

1. Discuss the mechanism of action of systemic fluorides. Write in detail about professionally applied topical fluorides.
2. Discuss in detail prevention of oral cancer.

**II. Write Notes on:**

**(10 x 5 = 50)**

1. Presentation of Data.
2. Mortality and morbidity indicators.
3. Randomized Control Trial.
4. Delta dental plan.
5. Chemical plaque control methods.
6. WHO.
7. Dean's Fluorosis Index.
8. Levels of prevention.
9. Write a brief note on sociology.
10. Pathfinder survey.

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**FOURTH YEAR B.D.S. DEGREE EXAM**  
(Common to Third Year Paper IV - Modified Regulation III Candidates and  
Final Year Paper VIII - New Modified Regulation Candidates)

**PAPER VIII – PUBLIC HEALTH DENTISTRY**

*Q.P Code: 544223*

**Time: 180 Minutes**

**Maximum: 70 Marks**

**I. Elaborate on:**

**(2 x 10 = 20)**

1. Discuss in detail the components of school oral health program.
2. What is potable water? Discuss in detail large scale purification of water.

**II. Write Notes on:**

**(10 x 5 = 50)**

1. Acute fluoride toxicity and its management.
2. Write a note on screening.
3. Public financing in dental care.
4. Describe Epidemiological Triad
5. Discuss in brief about Cohort study.
6. Write a note on Association and causation.
7. Disposal of solid waste.
8. CPITN.
9. Etiology and risk factors for oral cancer.
10. Describe Nicotine Replacement Therapy

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[LQ 661]

FEBRUARY 2020

Sub. Code: 4223

**FOURTH YEAR B.D.S. DEGREE EXAM**  
(Common to Third Year Paper IV - Modified Regulation III Candidates and  
Final Year Paper VIII - New Modified Regulation Candidates)

**PAPER VIII – PUBLIC HEALTH DENTISTRY**

*Q.P Code: 544223*

**Time: 180 Minutes**

**Maximum: 70 Marks**

**I. Elaborate on:** (2 x 10 = 20)

1. Define Epidemiology. Mention the different Epidemiological studies. Describe in detail about Experimental Epidemiology.
2. Define Survey. Write in detail steps in conducting a Survey.

**II. Write Notes on:** (10 x 5 = 50)

1. Fluoride varnish.
2. Incremental dental care.
3. Bangalore method of waste disposal.
4. Interdental cleaning aids.
5. Barriers of health education.
6. Vipeholm study.
7. Consumer protection act.
8. Write a note on sampling.
9. Functions of Dental Council of India.
10. Write a note on Central Tendency.

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