

APRIL - 2001

[KD 661]

Sub. Code : 4144

THIRD B.D.S. DEGREE EXAMINATION.

(Modified Regulations)

Paper IV — PREVENTIVE AND COMMUNITY
DENTISTRY

Time : Three hours Maximum : 100 marks
Two and a half hours Sec. A & Sec. B : 70 marks
for Sec. A & Sec. B Section C : 30 marks

Answer Section A and Section B in the
Same Answer Book.

Answer Section C in the Answer Sheet provided.

SECTION A — (2 × 15 = 30 marks)

1. Define 'Dental Public Health' and describe the functions of the public health dentist.
2. Describe the aims and objectives of the school dental health programme and add a note on the 'concept of incremental dental care'.

SECTION B — (8 × 5 = 40 marks)

3. Write short notes on :
 - (a) Primary prevention.
 - (b) Path finder survey.
 - (c) Community Periodontal Index (CPI).
 - (d) Dental Service Corporation.

- (e) Location for dental practice.
- (f) Indian Dental Association.
- (g) New Cross dental Auxiliary.
- (h) Trace elements and dental caries.

NOVEMBER - 2001

[KE 661]

Sub. Code : 4144

THIRD B.D.S. DEGREE EXAMINATION.

(Modified Regulations)

Paper IV — PREVENTIVE AND COMMUNITY
DENTISTRY

Time : Three hours Maximum : 100 marks
Two and a half hours Sec. A & Sec. B : 70 marks
for Sec. A and Sec. B Section C : 30 marks

Answer Sections A and B in the same Answer Book.

Answer Section C in the Answer sheet provided.

SECTION A — (2 × 15 = 30 marks)

1. Define Survey. Write in detail about the steps to be followed in conducting an oral health survey.
2. Discuss in detail the various mechanisms of payment for dental care.

SECTION B — (8 × 5 = 40 marks)

3. Write short notes on :

- (a) Bias
- (b) School dental nurse
- (c) Screening

- (d) Indian Dental Association
- (e) Water purification
- (f) Systemic Fluoridation
- (g) Prevention of Oral Cancer
- (h) Measures of dispersion.

SEPTEMBER - 2002

[KH 661]

Sub. Code : 4144

THIRD B.D.S. DEGREE EXAMINATION.

(Modified Regulations)

Paper IV — PREVENTIVE AND COMMUNITY
DENTISTRY

Time : Three hours

Maximum : 100 marks

Two and a half hours

Sec. A & Sec. B : 70 marks

for Sec. A and Sec. B

Section C : 30 marks

Answer Sections A and B in the SAME Answer Book.

Answer Section C in the Answer Sheet provided.

SECTION A — (2 × 15 = 30 marks)

1. Define Epidemiology. Discuss in detail the host, agent and environmental factors affecting dental caries.
2. Define Dental Auxillary. Write in detail about the various dental auxiliaries and their functions.

SECTION B — (8 × 5 = 40 marks)

3. Write short notes on :
 - (a) Sampling
 - (b) Insurance for dental care
 - (c) Primary health care

- (d) Dental council of India
- (e) Disposal of hospital waste
- (f) Topical fluoride supplements
- (g) Prevention of malocclusion
- (h) Measures of central tendency.

[KI 661]

Sub. Code : 4144

THIRD B.D.S. DEGREE EXAMINATION.

(Modified Regulations)

Paper IV — PREVENTIVE AND COMMUNITY
DENTISTRY

Time : Three hours Maximum : 100 marks

Two and a half hours Sec. A & Sec. B : 70 marks

for Sec. A and Sec. B Section C : 30 marks

Answer Sections A and B in the **SAME** Answer Book.

Answer Section C in the Answer Sheet provided.

SECTION A — (2 × 15 = 30 marks)

1. For a Patient with a DMFS score of 36, write in detail about the treatment plan and describe the various levels of prevention.
2. Classify Systemic Fluoride and write in detail about systemic fluoridation.

SECTION B — (8 × 5 = 40 marks)

3. Write short notes on :
 - (a) Tattletooth program.
 - (b) Case control study.
 - (c) Role of community in primary prevention of dental caries.

(d) Caries activity test.

(e) Sigmond Freud theory of Child development.

(f) Teenage Health Education Teaching Assistants

(g) Indian dental association.

(h) Measures of central tendencies.

OCTOBER - 2003

[KJ 661]

Sub. Code : 4144

SECTION B — (10 × 5 = 50 marks)

THIRD B.D.S. DEGREE EXAMINATION.

(Modified Regulations)

Paper IV — PREVENTIVE AND COMMUNITY
DENTISTRY

Time : Three hours Maximum : 100 marks

Two hours and forty minutes

for Sec. A and Sec. B Sec. A & Sec. B : 80 marks

Twenty minutes for Sec. C Section C : 20 marks

Answer Section A and B in the **SAME** Answer Book.

Answer Section C in the Answer Sheet provided.

SECTION A — (2 × 15 = 30 marks)

1. Define Epidemiology. Describe its aims, objectives and various terminologies used in the field of Epidemiology.

2. What is Potable Water? Describe in detail the methods of purification of water.

3. Write short notes on :

(a) Inter dental Aids.

(b) Dental Fluorosis.

(c) Albens Test.

(d) Planning.

(e) Measures of Central Tendencies.

(f) Epidemic.

(g) Sampling.

(h) Nalgonda technique.

(i) Dumping.

(j) Pie Chart.

AUGUST - 2004

[KL 661]

Sub. Code : 4144

SECTION B — (10 × 5 = 50 marks)

THIRD B.D.S. DEGREE EXAMINATION.

(Modified Regulations)

**Paper IV — PREVENTIVE AND COMMUNITY
DENTISTRY**

Time : Three hours Maximum : 100 marks

Sec. A & B : Two hours and Sec. A & B : 80 marks

forty minutes

Section C : Twenty minutes Section C : 20 marks

Answer Sections A and B in the SAME Answer Book.

Answer Section C in the answer sheet provided.

SECTION A — (2 × 15 = 30 marks)

1. Define Health Education. Discuss the principles of Health Education. What are the barriers of Health Education? How do you overcome those barriers? (15)
2. Define Public Health and Dental Public Health. How do you arrange a Dental camp in a village? (15)

3. Write short notes on :

- (a) Analytical studies
- (b) Community water fluoridation
- (c) Comprehensive Dental Care
- (d) Seed, sower and soil
- (e) Purification of water
- (f) Levels of prevention of Dental caries
- (g) Evaluation
- (h) Indian Dental Association
- (i) Survey
- (j) Disposal of hospital waste.

FEBRUARY - 2005

[KM 661]

Sub. Code : 4144

THIRD B.D.S. DEGREE EXAMINATION.

(Modified Regulations)

Paper IV — PREVENTIVE AND COMMUNITY
DENTISTRY

Time : Three hours Maximum : 100 marks

Sec. A & B : Two hours and Sec. A & B : 80 marks
forty minutes

Section C : Twenty minutes Section C : 20 marks

Answer Sections A and B in the SAME Answer Book.

Answer Section C in the answer sheet provided.

SECTION A — (2 × 15 = 30 marks)

1. Define and describe the ideal characteristics of Indices. Write in detail about Russels Periodontal Index. (15)
2. Classify Systemic fluorides. Write in detail about systemic Fluoridation. (15)

SECTION B — (10 × 5 = 50 marks)

3. Write short notes on :
 - (a) Pathfinder survey
 - (b) Bias
 - (c) OHIS

- (d) Knuteons Technique
 - (e) Fluoride Varnish
 - (f) Endemic
 - (g) Normal curve
 - (h) CPTIN probe
 - (i) Measures of central tendencies
 - (j) Dental Council of INDIA.
-

AUGUST - 2005

[KN 661]

Sub. Code : 4144

THIRD B.D.S. DEGREE EXAMINATION.

(Modified Regulations)

**Paper IV — PREVENTIVE AND COMMUNITY
DENTISTRY**

Time : Three hours

Maximum : 100 marks

**Sec. A & B : Two hours and
forty minutes**

Sec. A & B : 80 marks

Sec. C : Twenty minutes

Sec. C : 20 marks

Answer Sections A and B in the SAME answer book.

Answer Section C in the answer sheet provided.

Answer ALL questions.

SECTION A — (2 × 15 = 30 marks)

- 1. Define public health according to WHO. Outline in detail the private dental practitioner's role in implementing dental health.**
- 2. Describe in detail the standard norms and programs involved in planning and implementing a school dental care program.**

SECTION B — (10 × 5 = 50 marks)

- 3. Write short notes on :**
 - (a) Interceptive orthodontics**
 - (b) Ethics**
 - (c) Disclosing agents**
 - (d) Incidence and prevalence**
 - (e) Random sampling**
 - (f) Levels of prevention of oral cancer**
 - (g) Indian dental association**
 - (h) Defluoridation of water**
 - (i) Caries susceptibility test**
 - (j) Measures of dispersion.**

FEBRUARY - 2006

[KO 661]

Sub. Code : 4144

THIRD B.D.S. DEGREE EXAMINATION.

(Modified Regulations)

**Paper IV — PREVENTIVE AND COMMUNITY
DENTISTRY**

Time : Three hours

Maximum : 100 marks

Sec. A & B : Two hours and
forty minutes

Sec. A & B : 80 marks

Sec. C : Twenty minutes

Sec. C : 20 marks

Answer Sections A and B in the SAME answer book.

Answer Section C in the answer sheet provided.

Answer ALL questions.

SECTION A — (2 × 15 = 30 marks)

1. Define health education. Enumerate the approaches in health education. Discuss in detail the principles of health education.
2. Define a Tumour. Write in detail the epidemiological triad of oral cancer.

SECTION B — (10 × 5 = 50 marks)

3. Write short notes on :
 - (a) Screening.
 - (b) Bias.
 - (c) Purification of water.
 - (d) Measures of dispersion.
 - (e) Primary prevention.
 - (f) Agent factors in periodontal disease.
 - (g) Expanded function dental auxillary.
 - (h) Post payment schemes.
 - (i) Potable water.
 - (j) Cross Infection in dentistry.

AUGUST - 2006

[KP 661]

Sub. Code : 4144

THIRD B.D.S. DEGREE EXAMINATION.

(Modified Regulations)

**Paper IV — PREVENTIVE AND COMMUNITY
DENTISTRY**

Time : Three hours

Maximum : 100 marks

**Descriptive : Two hours and
forty minutes**

Descriptive : 80 marks

Objective : Twenty minutes

Objective : 20 marks

Answer ALL questions.

Write essays on :

- 1. Define dental auxiliaries. Write in detail the various operating and non-operating auxiliaries. (20)**
- 2. Describe and discuss in detail various levels of prevention. (15)**
- 3. Financing Dental care. (15)**

4. Write short notes on :

(6 × 5 = 30)

- (a) Sampling methods.**
 - (b) Dental ethics.**
 - (c) Mass media.**
 - (d) Analytical epidemiology.**
 - (e) Caries vaccine.**
 - (f) Disclosing agents.**
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FEBRUARY - 2007

[KQ 661]

Sub. Code : 4144

THIRD B.D.S. DEGREE EXAMINATION.

(Modified Regulations)

**Paper IV — PREVENTIVE AND COMMUNITY
DENTISTRY**

Time : Three hours

Maximum : 100 marks

Descriptive : Two hours and
forty minutes

Descriptive : 80 marks

Objective : Twenty minutes

Objective : 20 marks

Answer ALL questions.

1. Define Dental Fluorosis. What are the various methods of Fluoride supplementation and defluoridation. (20)
2. Epidemiology of periodontal disease. (15)
3. Steps in conducting a survey. (15)

4. Write short notes :

(6 × 5 = 30)

- (a) IDA (Indian Dental Association)
 - (b) Planning
 - (c) Case control study
 - (d) Loss of head
 - (e) Primary health care
 - (f) Sea outfall.
-

AUGUST 2007

[KR 661]

Sub. Code : 4144

THIRD B.D.S DEGREE EXAMINATION.

(Modified Regulations)

**Paper IV — PREVENTIVE AND COMMUNITY
DENTISTRY**

Time : Three hours

Maximum : 100 marks

**Descriptive : Two hours and
forty minutes**

Descriptive : 80 marks

Objective : Twenty minutes

Objective : 20 marks

Answer ALL questions.

Essays :

(2 × 15 = 30)

1. Define health, public health, dental public health and community dentistry. Describe the tools of community dentistry. (15)

2. Define an Index. Describe the ideal requirements of an Index. Write briefly on CPITN. (15)

3. Write short notes on :

(10 × 5 = 50)

(a) Epidemic

(b) OHIS

(c) Fluoride mouth rinses

(d) Red cross

(e) Bhore committee

(f) Disposal of hospital wastes

(g) Seed, sower, soil

(h) Dental auxillary

(i) Case control study

(j) Management of Handicapped children in dental clinic.

FEBRUARY 2008

[KS 661]

Sub. Code : 4144

THIRD B.D.S. DEGREE EXAMINATION.

(Modified Regulations – III)

**Paper IV — PREVENTIVE AND COMMUNITY
DENTISTRY**

Q.P. Code : 544144

Time : Three hours

Maximum : 100 marks

**Theory : Two hours and
forty minutes**

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

I. Essay : (2 × 15 = 30)

**1. Describe in detail about the
“Topical fluorides” used in preventive dentistry.**

**2. Define plaque control. Describe in detail about the
“Mechanical plaque control aids” and chemical plaque
control agents.**

II. Short notes : (10 × 5 = 50)

1. Pit and fissure sealants.

2. Consumer protection acts.

- 3. Russel's Index.**
- 4. Dental auxillary.**
- 5. Alban's test.**
- 6. Incidence and prevalence.**
- 7. Setting up of a Dental clinic.**
- 8. Caries vaccine.**
- 9. Ethics in Dentistry.**
- 10. Tell show do technique.**

August 2008

[KT 661]

Sub. Code: 4144

THIRD B.D.S DEGREE EXAMINATION

**(Modified Regulations – III)
Paper IV– PREVENTIVE AND COMMUNITY
DENTISTRY**

Q.P. Code: 544144

Time: Three hours

Maximum: 100 Marks

ANSWER ALL QUESTIONS

I. Essays:

(2 X 20 = 40)

1. Describe and discuss the levels of prevention of dental caries.
2. Describe in detail large scale purification of water.

II. Write short notes on:

(10 X 6 = 60)

1. School Dental Health Programme.
 2. Path finder survey.
 3. Barriers of Health Education.
 4. Albens test.
 5. Cohort study.
 6. World Health Organization.
 7. Caries Vaccine.
 8. Nalgonda technique.
 9. Pie chart.
 10. Dental Fluorosis.
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February 2009

[KU 661]

Sub. Code : 4144

THIRD B.D.S DEGREE EXAMINATION

(Modified Regulations – III)

Paper IV – PREVENTIVE AND COMMUNITY DENTISTRY

Q. P. Code : 544144

Time : Three hours

Maximum: 100 Marks

Answer **ALL** questions.

I. Essays :

(2 x 20 = 40)

1. Write in detail about a comprehensive preventive dentistry programme for a primary school in rural area.
2. Define caries activity test. Describe the ideal requirements of a caries activity test. Enumerate and explain the carries activity tests.

II. Write Short notes on :

(10 x 6 = 60)

1. Disposal of Hospital waste.
2. Defluoridation.
3. Modified bass technique.
4. Dental floss.
5. Pathfinder survey.
6. Potable water.
7. Precancerous lesions of oral cavity.
8. Dental hygienist.
9. Auto clave.
10. Knutson's technique.

August 2009

[KV 661]

Sub. Code : 4144

THIRD B.D.S DEGREE EXAMINATION

(Modified Regulations – III)

Paper IV – PREVENTIVE AND COMMUNITY DENTISTRY

Q. P. Code : 544144

Time : Three hours

Maximum: 100 Marks

Answer **ALL** questions.

I. Essays :

(2 x 20 = 40)

1. Describe and discuss various methods used in disposal of bio-waste.
2. Describe the appropriate measures to prevent oral diseases in India.

II. Write Short notes on :

(10 x 6 = 60)

1. School dental health programme.
2. Normal curve.
3. Safe water.
4. Third party payment.
5. Pathfinder survey.
6. Incremental dental care.
7. Barriers of health education.
8. Planning cycle.
9. Knutson's technique.
10. Fluoride varnishes.

February 2010

[KW 661]

Sub. Code : 4144

THIRD B.D.S DEGREE EXAMINATION

(Modified Regulations – III)

Paper IV – PREVENTIVE AND COMMUNITY DENTISTRY

Q. P. Code : 544144

Time : Three hours

Maximum: 100 Marks

Answer **ALL** questions.

I. Essays :

(2 x 20 = 40)

1. Define survey. What are the different types of oral health survey? Write in detail the procedures in conducting an oral health survey in rural area.
2. Define mass education and describe in detail the various methods and means of mass education.

II. Write Short notes on :

(10 x 6 = 60)

1. Fluoride varnishes.
2. Prospective study.
3. School dental nurse.
4. Screening.
5. Central tendency.
6. Plaque control.
7. Primary prevention.
8. Endemic.
9. Topical sealants.
10. Dental council of India.

August 2010

[KX 661]

Sub. Code: 4144

THIRD B.D.S DEGREE EXAMINATION

(Modified Regulations – III)

Paper IV– PREVENTIVE AND COMMUNITY DENTISTRY

Q.P. Code: 544144

Time: Three hours

Maximum: 100 Marks

Answer ALL Questions

I. Essays:

(2 x 20 = 40)

1. Define Community Dentistry. Discuss in detail the differences between Community Dentistry and Clinical Dentistry. What is the role of the Community Dentist to the Public?
2. Define Hydrologic Cycle. Enumerate the techniques for purification of Water. Write in detail about Small Scale purification of Water.

II. Write short notes on:

(10 x 6 = 60)

1. Shoe leather survey.
2. Tattle Tooth programme.
3. IDA.
4. Measures of central tendency.
5. Seed, Sower and Soil.
6. Snyder Test.
7. Interdental cleansing agents.
8. Stages of planning.
9. CPITN Index.
10. Nalagonda Technique.

February 2011

[KY 661]

Sub. Code: 4144

THIRD B.D.S DEGREE EXAMINATION

(Modified Regulations - III)

Paper IV– PREVENTIVE AND COMMUNITY DENTISTRY

Q.P. Code: 544144

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

I. Essays:

(2 x 20 = 40)

1. Define Epidemiology. Write in detail the epidemiology of periodontal disease.
2. Write in detail the various modes of payment for dental care.

II. Write short notes on :

(10 x 6 = 60)

1. Caries activity test.
2. Measures of dispersion.
3. Systemic fluorides.
4. THETA programme.
5. Screening for cancer.
6. Sociology.
7. Evaluation.
8. DCI (Dental Council of India).
9. Red Cross.
10. Large scale purification of water.

August 2011

[KZ 661]

Sub. Code : 4144

THIRD B.D.S. DEGREE EXAMINATION

PREVENTIVE AND COMMUNITY DENTISTRY

(PUBLIC HEALTH DENTISTRY)

Q. P. Code : 544144

Time : Three hours

Maximum: 100 Marks

Answer ALL questions

I. Essay Questions:

(2 x 20 = 40)

1. Define Health Education. Write in detail steps in Health Education.
2. Define Dental Auxillaries. Write in detail about various Dental Auxillaries.

II. Write Short notes on :

(10 x 6 = 60)

1. Iceberg phenomenon
2. Consumer Protection Act
3. Prevention of oral cancer
4. Fluoride toxicity
5. Brushing techniques
6. Pit and fissure sealant
7. Normal curve
8. Pandemic
9. Break point chlorination
10. Comprehensive oral care

February 2012

[LA 661]

Sub. Code: 4144

THIRD B.D.S DEGREE EXAMINATION

PAPER IV - PREVENTIVE AND COMMUNITY DENTISTRY

(PUBLIC HEALTH DENTISTRY)

Q .P .Code: 544144

Time: Three hours

Maximum: 70 Marks

**Answer ALL questions in the same order
Draw Suitable diagrams wherever necessary**

I. Elaborate on: (2×10=20)

1. Define Epidemiology. Mention the different epidemiological studies.
Describe in detail Descriptive epidemiology.
2. Discuss the Etiology and Epidemiology of Periodontal diseases. Describe the preventive strategies of Periodontal diseases among Indian population.

II. Write notes on: (10×5=50)

1. Topical fluoride application.
2. Planning and evaluation.
3. Tools of Public Health.
4. Dental Auxiliaries.
5. Indian Dental Association.
6. Voluntary Health Organisation.
7. Dimensions of Health.
8. Large scale Water purification.
9. Rate, ratio and proportion.
10. Soil, seed, sower.
