

THIRD B.D.S. DEGREE EXAMINATION, OCTOBER 1991.

(Old Regulation)

Paper IV — PREVENTIVE AND COMMUNITY DENTISTRY

Time : Three hours. Maximum : 100 marks.

Answer ALL questions.

Answer Section A and B in separate answer books.

SECTION A

1. Define health according to W.H.O. What steps would you suggest to implement Dental health for all by 2000 A.D. ? (16)
2. Suggest measures for improving Dentist-Patient relationship to achieve better treatment results. (16)
3. Write short notes on :
 - (a) Russel's Index.
 - (b) Preventive Oral AIDS.
 - (c) Kwashiorkor and Marasmus. (18)

SECTION B

1. Write in detail about the advantages and disadvantages of Fluoride incorporated dentrifices. (16)
2. Define incidence and prevalence. Briefly enumerate the incidence of periodontal disease and dental caries in India. (16)
3. Write short notes on :
 - (a) Bite Wing X-rays.
 - (b) BASS technique.
 - (c) Disclosing agents. (18)

[RS 516]

APRIL - 1993

THIRD B.D.S. DEGREE EXAMINATION.

(Old Regulation)

Paper IV -- PREVENTIVE AND COMMUNITY DENTISTRY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Answer Sections A and B in separate answer books.

SECTION A

1. Define 'Biostatistics' and describe the uses of biostatistics in dental public health. (15)
2. Write briefly on : (4 × 5 = 20)
 - (a) Unethical dental practice.
 - (b) Mass media.
 - (c) Dental licenciate.
 - (d) Prospective studies.
3. Define 'Public health' and describe the characteristics of public health. (15)

SECTION B

4. Describe the role of host and environmental factors in the epidemiology of periodontal disease. (15)
 5. Write brief notes on : (4 × 5 = 20)
 - (a) New cross auxillary.
 - (b) Newburgh-Kingston study.
 - (c) Incremental dental care.
 - (d) Rules governing IMFT index.
 6. Describe the differences in the concepts, knowledge and behaviour towards health among rural and urban communities. (15)
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APRIL - 1993

[RS 520]

THIRD B.D.S. DEGREE EXAMINATION.

(New Regulations)

Paper IV — PREVENTIVE AND COMMUNITY DENTISTRY

Time : Three hours. Maximum : 90 marks.
Two and a half hours Sections A and B : 60 marks.
for Sections A and B

Answer Sections A and B in separate answer books.
Answer Section C in the answer sheet provided.

SECTION A — (2 × 15 = 30 marks)

- 1. Discuss the benefits and ill effects of Fluoride in the community.**
- 2. Discuss the factors affecting the practice of Dentistry.**

SECTION B — (6 × 5 = 30 marks)

- 3. Write short notes on any SIX :**
 - (a) The role of Dental Hygienist in community service.**
 - (b) Prevention of Oral cancer.**
 - (c) Tooth keeper program.**
 - (d) Flossing.**
 - (e) Dental caries index.**
 - (f) Frequency distributions.**
 - (g) Analytical epidemiology.**
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[SB 545]

APRIL - 1995

Third B.D.S. Degree Examination

(Old Regulations)

**Paper IV - PREVENTIVE AND COMMUNITY
DENTISTRY**

Time : Three hours Maximum : 100 Mark :

Answer All questions

Answer Sections A and B in separate answer books

SECTION—A

1. Define Dental caries. Mention its etiology. Write in detail the various methods of prevention of dental caries at different levels (15)
2. a) Describe Caries activity tests (8)
b) Discuss Purification of water in community (7)
3. Write short notes on :
 - a) Indian Dental Association
 - b) Decomposing of wastes
 - c) Dental auxiliaries
 - d) Qualification of an epidemiologist (4×5 = 20)

SECTION—B

1. Define Dental survey. Mention various scientific methods in Dental survey procedures. Describe step-by-step procedure for conducting a dental survey amongst school going children of a particular area (15)
2. Discuss briefly the normal development of a child. Write in detail the psychological development of a child (15)
3. Write short notes on :
 - a) Dean's Index
 - b) Askov Dental Health Education
 - c) Taboos in dentistry
 - d) Dental Health Care for all by 2000 AD (4×5=20)

APRIL - 1995

[SB 549]

Third B.D.S. Degree Examination

(New Regulations)

**Paper IV - PREVENTIVE AND COMMUNITY
DENTISTRY**

Time : Three hours Maximum : 90 marks

Two and a half hours Sections A and B : 60 marks
for Sections A and B

Answer Sections A and B in separate answer books

Answer Section C in the answer sheet provided

SECTION—A

1. Define Epidemiology. Describe its aims and objectives and various terminologies used in the field of epidemiology. (15)
2. Describe in detail the various caries activity tests. Discuss briefly the various methods of prevention of Dental caries. (15)

SECTION—B

3. Write short notes on any SIX (6×5=30)
 - a) Dental Council of India
 - b) Green and vermillion index
 - c) Water purification
 - d) Management of child in Dental clinic
 - e) Disposal of solid wastes
 - f) Payment for Dental health care
 - g) Dental Health Education

APRIL - 1996

AK 622

Third B.D.S. DEGREE EXAMINATION
(Old Regulations)
**Paper IV - PREVENTIVE AND COMMUNITY
DENTISTRY**

Time : Three hours

Max : 100 Marks

Answer All questions.
Answer Sections A and B in separate answer books.
Draw diagrams wherever necessary.

SECTION - A

1. Who is public health dentist? How does he differ from clinical dentist. (15)
2. Describe
 - a). Operative Dental Auxillaries (8)
 - b). Primary prevention (7)
3. Write short notes on: (4 X 5 = 20)
 - a). Sanitary barrier
 - b). Knutsons technique
 - c). Group practice
 - d). Analytical Epidemiology

SECTION - B

1. Define Health Education. Describe different methods of Health Education for rural population of India. (15)
2. Define 'water flouridation'. Discuss the feasibility of systemic flouridation in India. (15)
3. Write short notes on: (4 X 5 = 20)
 - a). Primary Health Care
 - b). Incremental Dental Care
 - c). Oral health goals of W.H.O. for 2000 A.D.
 - d). Dentist Act - 1948.

APRIL - 1996

[AK 626]

Third B.D.S. Degree Examination

(New Regulations)

**Paper IV - PREVENTIVE AND COMMUNITY
DENTISTRY**

Time : Three hours Maximum : 90 Marks

Two and a half an hour Sec. A and B : 60 Marks
for Section A and B

Answer Sections A and B in separate answer books.

Answer Section C in the answer sheet provided.

SECTION—A

1. Define survey. Describe step by step procedure of conducting survey of school children of a village to assess their dental caries status. (15)
2. Discuss the role of environmental factors in the epidemiology of dental caries in brief. (15)

SECTION—B

(6×5=30)

3. Write short notes on any SIX :

- a) Dental Council of India
- b) Barriers of communications
- c) Objectives of community dentistry
- d) Rampant caries
- e) Knutsons technique
- f) Primary prevention
- g) Dental ethics

APRIL - 1996

[AX 630-A]

Subject Code : 4094

SECTION- B

(8×5=40)

Third B. D. S. Degree Examination

(Revised Regulations)

**Paper IV - PREVENTIVE AND COMMUNITY
DENTISTRY**

Time : Three hours.

Max. : 100 marks.

Two and a half an hours

for Section A and B

Sec. A and B. : 70 marks-

Answer Sections A and B in separate answer books.

Answer Section C in the answer sheet provided.

SECTION—A

(2X15= 30)

1. What are the levels of prevention and describe in detail the role of primary prevention, in community dentistry.
2. Write an essay on indices used in periodontal diseases.

3. Write short notes on :

- a) Oral precancerous lesions
- b) Clinical trials
- c) Sector diagram
- d) Stratified sampling
- e) Cohort study
- f) Calibration
- g) Pathfinder survey
- h) Cross sectional studies

[PK 622] OCTOBER - 1996

THIRD B.D.S. DEGREE EXAMINATION.

(Old Regulations)

Paper IV — PREVENTIVE AND COMMUNITY DENTISTRY

Time : Three hours

Maximum : 100 marks

Answer Sections A and B in separate answer books.

SECTION A

1. Define prevalence. Discuss the factors affecting the prevalence and severity of periodontal diseases in India. (15)
2. Describe :
 - (a) Aids used for dental health education. (8)
 - (b) Individual and contributory negligence. (7)
3. Write short notes on :
 - (a) Retrospective and prospective study.
 - (b) Dean's Fluorosis Index.
 - (c) Dental manpower in India.
 - (d) Pictogram. (4 x 5 = 20)

SECTION B

4. What is meant by sample in epidemiological investigation? Give broad classification of samples. State with reasons which is the ideal sample and describe the method of selection of the same. (15)

[PK 622]

5. Define Index. Discuss various indices used in periodontal diseases. (15)

6. Write short notes on :

- (a) Clinical trials.
- (b) Calculus component of Ramfjord Index.
- (c) Role of tobacco in cancer.
- (d) School water fluoridation. (4 x 5 = 20)

OCTOBER - 1996

[PK 626]

Subject Code : 4094

THIRD B.D.S. DEGREE EXAMINATION.

(New Regulations)

Paper IV — PREVENTIVE AND COMMUNITY DENTISTRY

Time : Three hours

Maximum : 100 marks

Two and a half hours

Sec. A & B : 60 marks

for Sec. A and Sec. B

Answer Sections A and B in separate answer books.

Answer Section C in the answer sheet provided.

SECTION A

1. Define dental caries. Discuss the various methods of prevention of dental caries at different levels. (15)
2. What is dental health education? Discuss the role of various audio-visual aids in education programme. (15)

SECTION B

3. Write short notes on any SIX : (6 x 5 = 30)
 - (a) World Health Organization (WHO).
 - (b) Disclosing solutions.
 - (c) Dental ethics.
 - (d) Co-insurance.
 - (e) Pilot study.
 - (f) Levels of prevention.
 - (g) Normal curve.
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OCTOBER - 1996

[PK 630]

Subject Code : 4094

THIRD B.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Paper IV — PREVENTIVE AND COMMUNITY DENTISTRY

Time : Three hours

Maximum : 100 marks

Two and a half hours

Sections A and B : 70 marks

for Sections A and B

Answer Sections A and B in separate answer books.

Answer Section C in the answer sheet provided.

SECTION A

1. Define "Community Dentistry". What are its objectives? Discuss how considerations for Community Dentistry differ from those of dental practice for an individual. (15)
2. What is dental ethics and discuss various ethical considerations with reference to dental professional practice in India. (15)

SECTION B

3. Write short notes on : (8 × 5 = 40)
 - (a) Observational study.
 - (b) Pathfinder survey.
 - (c) Mass media in dental health education.
 - (d) Role of dental technician.
 - (e) Random sample.
 - (f) Case fatality.
 - (g) Frequency distribution.
 - (h) Risk factors for oral cancer.
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OCTOBER - 1997

(MS 622)

THIRD B.D.S. DEGREE EXAMINATION

(Old Regulations)

PAPER-IV PREVENTIVE AND COMMUNITY DENTISTRY

Time: Three hours

Max:100 marks

Answer Sections A and B in
separate answer books

1. Define community dentistry. Discuss in detail the differences between community dentistry and clinical dentistry. What is the role of community dentist to the public? (15)
2. Define dental auxillary. Discuss in detail the role of dental auxillaries in reducing the un-met backlog of dental needs of the public. (15)
3. Write short notes on: (4x5=20)
 - a) School water fluoridation
 - b) Dental ethics
 - c) Evaluation
 - d) Sample

SECTION-B

4. Define preventive dentistry. Discuss in detail how dental caries can be prevented by all the three levels of prevention. (15)
5. "Health for all by 2000 AD". Discuss in detail how far this goal have been achieved in regard to dentistry. (15)
6. Write short notes on: (4x5=20)
 - a) Planning cycle
 - b) Analytical study
 - c) Topical fluoride applications
 - d) Dean's flurosis index.

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(MS 626) OCTOBER - 1997

THIRD B.D.S. DEGREE EXAMINATION

(New Regulations)

PAPER-IV PREVENTIVE AND COMMUNITY DENTISTRY

Time: Three hours Max:90 marks
Two and a half hours Sec.A & B:60
for Sec. A and B marks

Answer Sections A and B in
separate answer books

Answer Section C in the
answer sheet provided

SECTION-A (2x15=30 marks)

Answer any TWO Questions

1. Discuss the scope and objectives of Preventive Dentistry. What are the levels of prevention? Enumerate and explain the benefits of community water fluoridation from the public dental health point of view.
2. Describe the similarities in clinical dentistry and community dentistry while considering the individual patient and the community with dental problems.
3. What is Dental Manpower? Describe the dental manpower status in India.

4. What is data? Give an account of types, methods of collection and presentation of statistical data.

SECTION-B

(6x5=30 marks)

5. Write short notes on any SIX:
 - a) Gingival-bone-count index.
 - b) Dental jurisprudence.
 - c) Approaches to public health.
 - d) Aids used in dental health education.
 - e) Dental Council of India.
 - f) Role of dental technician.
 - g) Frequency distribution.
 - h) Pictogram.

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OCTOBER - 1997

[MS 630]

Sub. Code : 4094

THIRD B.D.S. DEGREE EXAMINATION.

(New/Revised Regulations)

Paper IV — PREVENTIVE AND COMMUNITY DENTISTRY

Time : Three hours

Maximum : 100 marks

Two and a half hours

Sec. A & B : 70 marks

for Sec. A and B

Answer Sections A and B in separate answer books.

Answer Section C in the answer sheet provided.

SECTION A — (2 × 15 = 30 marks)

1. Discuss the scope and objectives of preventive dentistry. What are the levels of prevention? Enumerate and explain the benefits of community water fluoridation from the public dental health point of view.

2. What do you understand by the term Index? Describe the CPITN with its objectives, scoring system, advantages and limitations.

SECTION B — (8 × 5 = 40 marks)

3. Write short notes on :

- (a) Risk factors and risk groups.
- (b) Nutrition and dental health.
- (c) Pilot study.
- (d) Chemical control of plaque.
- (e) Standard deviation.
- (f) Dental auxiliaries.
- (g) World Health Organisation.
- (h) Aids used in dental health education.

APRIL - 1998

(SV 626)

THIRD B.D.S. DEGREE EXAMINATION

(New Regulations)

PAPER-IV PREVENTIVE AND COMMUNITY DENTISTRY

Time: Three hours

Max:90 marks

Two and a half hours

Sec.A&B: 60

for Sec.A and B

marks

Answer Sections A and B in
separate answer books

Answer Section C in the
answer sheet provided

SECTION-A(2x15=30)

Answer any TWO Questions

1. Enumerate various oral precancerous lesions. Discuss the prevalence of cancerous and pre-cancerous lesions in India.
2. Define Community Dentistry. What are its objectives? Discuss how considerations for Community Dentistry differ from those of dental practice for an individual.

3. Define prevalence. Discuss the factors affecting the prevalence and severity of periodontal diseases in India.

4. Fluoride is a double edged weapon in dentistry' Discuss and describe in detail.

SECTION-B(6x5=30)

5. Answer any SIX:

- a) Dentist Act.
- b) Pictogram.
- c) Cohort study.
- d) Indian Dental Association.
- e) Role of dental technician.
- f) Epidemic.
- g) Nutrition and dental health.
- h) Sample.

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[SV 630] APRIL - 1998 Sub. Code : 4094

THIRD B.D.S. DEGREE EXAMINATION.

(Old/Revised 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 separate answer books.

Answer Section C in the answer sheet provided.

SECTION A — (2 × 15 = 30 marks)

- 1. What is dental health education? Discuss the role of various audio visual aids in Education Programme.**
- 2. Define prevention. Discuss the various measures for the prevention of dental caries.**

SECTION B — (8 × 5 = 40 marks)

- 3. Write short notes on :**
 - (a) Dental Council of India.**
 - (b) Primary level of prevention.**
 - (c) Co-insurance.**
 - (d) Pilot study.**
 - (e) Dental fluorosis.**
 - (f) Standard Deviation.**
 - (g) Dental Ethics.**
 - (h) Caries Index for Deciduous teeth.**
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OCTOBER - 1998

[SM 626]

THIRD B.D.S. DEGREE EXAMINATION.

(New Regulations)

Paper IV — PREVENTIVE AND COMMUNITY DENTISTRY

Time : Three hours Maximum : 90 marks

Two and a half hours Sec. A & Sec. B : 60 marks

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

Answer Sections A and B in separate answer books.

Answer Section C in the answer sheet provided.

SECTION A — (2 × 15 = 30 marks)

Answer any TWO questions.

1. Describe the psychological development of child from birth to adolescent.
2. Concept of public health and public health situation in India as on today.
3. Define community water fluoridation and the requirements for community water fluoride. What are the mechanics of water fluoridation?
4. Define survey. How do you plan to conduct a survey for prevalence of dental caries in your city of school going children?

SECTION B — (6 × 5 = 30 marks)

5. Answer any SIX :
 - (a) Measures of central tendency
 - (b) Normal distribution
 - (c) Path finder survey
 - (d) Brudevold solution

- (e) Incremental dental care
 - (f) H.T. DEAN
 - (g) Loss of head
 - (h) Barriers of health education.
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OCTOBER - 1998

[SM 630]

Sub. Code : 4094

THIRD B.D.S. DEGREE EXAMINATION.

(Old/Revised 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 separate answer books.

Answer Section C in the answer sheet provided.

SECTION A — (2 × 15 = 30 marks)

1. Name all the topical fluoride applicants. Describe in detail the mechanism of action of fluorides.
2. Define Survey. What are the different types of oral health surveys? Write in detail the procedures, steps in conducting an oral health survey in a rural area.

SECTION B — (5 × 8 = 40 marks)

3. (a) Trace elements
(b) Dental council of India
(c) Surveillance of drinking water facility
(d) Waterborne diseases
(e) Social epidemiology
(f) Dental Research - Calibration
(g) Cohort study
(h) Russel index.
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APRIL - 1999

[SG 630]

Sub. Code : 4094

THIRD B.D.S. DEGREE EXAMINATION.

(Revised 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 separate answer books.

Answer Section C in the answer sheet provided.

SECTION A — (2 × 15 = 30 marks)

1. Define health, dental health and public health. Prepare a T.V. talk for improving oral and dental health for school children.
2. Define dental auxiliary. Classify them. Describe the functions of common any two auxiliary personnel.

SECTION B — (8 × 5 = 40 marks)

3. Write short notes on :
 - (a) Fluoride varnishes
 - (b) Sampling methods
 - (c) Prospective study — Retrospective study
 - (d) Fissure sealants
 - (e) Dental ethics
 - (f) Disposal of wastes
 - (g) Mass media
 - (h) Askov school dental programme.
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OCTOBER - 1999

[KA 630]

Sub. Code : 4094

THIRD B.D.S. DEGREE EXAMINATION.

(Revised 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 Section A and Section B in separate answer
books.

Answer Section C in the answer sheet provided.

SECTION A — (2 × 15 = 30 marks)

1. Define Community Dentistry. Describe the procedural steps in conducting a survey.
2. How do you conduct an Epidemiological Investigation? What are the differences between community and individual patient approach?

SECTION B — (8 × 5 = 40 marks)

3. (a) Seed, Sower and Soil
(b) Oral Health Goals in Health for all by the year 2000
(c) CPITN
(d) Levels of prevention

- (e) Co-insurance
- (f) Pre-Payment Plan
- (g) Great Sanitary Awakening
- (h) Trace elements.

APRIL - 2000

[KB 630]

Sub. Code : 4094

THIRD B.D.S. DEGREE EXAMINATION.

(Revised 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 separate Answer books.

Answer Section C in the answer sheet provided.

SECTION A — (2 × 15 = 30 marks)

1. Define Survey, write in detail the steps to be undertaken in conducting a survey.
2. Define health education. Write in detail principles of health education. Add a note on methods of health education.

SECTION B — (8 × 5 = 40 marks)

3. Write short notes on :
 - (a) Ideal requirements of an Index
 - (b) Nalgonda Technique
 - (c) Dean's Index
 - (d) Barriers of Communication

- (e) Disease Agent
- (f) Pathfinder Survey
- (g) New Zealand Dental Nurse
- (h) Incineration.

APRIL - 2000

[KB 661]

Sub. Code : 4143

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 Section A and Section B in separate answer
books.

Answer Section C in the answer sheet provided.

SECTION A — (2 × 15 = 30 marks)

1. Define epidemiology. Write in detail epidemiology of dental caries in relation to host, agent and environmental factors.
2. Define and classify Dental ancillaries. Describe the functions of different types of dental ancillaries.

SECTION B — (8 × 5 = 40 marks)

3. (a) D.C.I.
(b) I.D.A.
(c) Norms of Potable water
(d) Caries activity tests
(e) Secondary level of prevention
(f) Mass media
(g) Folk Medicine and Popular Medicine
(h) Functions of a public Health Dentist.

OCTOBER - 2000

[KC 630]

Sub. Code : 4094

THIRD B.D.S. DEGREE EXAMINATION.

(Revised 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 separate
Answer Books.

Answer Section C in the Answer Sheet provided.

SECTION A — (2 × 15 = 30 marks)

1. Define Index and write in detail about the ideal requirements of an Index. Add a note on the different dental caries indices.
2. Define epidemiology. Discuss the role of Host factors in the epidemiology of periodontal diseases.

SECTION B — (8 × 5 = 40 marks)

3. (a) Barriers of Communication
(b) WHO
(c) Loe and Sillness index
(d) Primordial prevention
(e) Delta dental plans
(f) Knutson's technique
(g) Rapid sand filtration
(h) Sea outfall.

OCTOBER - 2000

[KC 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 Section A and Section B in separate
Answer Books.

Answer Section C in the Answer Sheet provided.

SECTION A — (2 × 15 = 30 marks)

1. Write in detail about the different levels of prevention.
2. Define plaque. Discuss the plaque control methods for school children of Chennai.

SECTION B — (8 × 5 = 40 marks)

3. Write short notes on :
 - (a) Pathfinder survey
 - (b) Evaluation
 - (c) Non-operating Dental Ancillaries
 - (d) Principles of Health Education
 - (e) Analytical epidemiology
 - (f) Tests of significance
 - (g) Toxicity of fluorides
 - (h) Delta Dental plan.