

MANIPAL UNIVERSITY

FINAL BDS PART – II DEGREE EXAMINATION – JANUARY 2009

SUBJECT: PREVENTIVE AND COMMUNITY DENTISTRY (ESSAY)

Tuesday, January 06, 2009

Time: 14:30 – 17:00 Hrs

Max. Marks: 80

✍ Draw diagrams and flowcharts wherever appropriate.

1. Define epidemiology. Write in detail the etiologic factors in dental caries.
(2+8 = 10 marks)

2. Write notes on:
 - 2A. Functions of a public health dentist.
 - 2B. Methods of presentation of data.
 - 2C. Events that led to water fluoridation.
 - 2D. Barriers of health education.
 - 2E. Requirements of an index.
 - 2F. Types of evaluation.
 - 2G. Cohort study.
 - 2H. Uses of epidemiology.
 - 2I. Leukoplakia.
 - 2J. Expanded function dental auxiliary.
(5×10 = 50 marks)

3. Write short notes on:
 - 3A. Frontier auxiliaries.
 - 3B. Delta dental plan.
 - 3C. Chlorine demand.
 - 3D. Random sampling.
 - 3E. Dental floss.
 - 3F. Sewage and sullage.
 - 3G. Russel's rule.
 - 3H. Spot maps.
 - 3I. Define health.
 - 3J. Health Maintenance Organization.
(2×10 = 20 marks)



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MANIPAL UNIVERSITY

FINAL BDS PART – II DEGREE EXAMINATION – JULY 2009

SUBJECT: PREVENTIVE AND COMMUNITY DENTISTRY (ESSAY)

Tuesday, July 14, 2009

Time: 14:30 – 17:00 Hrs

Max. Marks: 80

✍ **Draw diagrams and flowcharts wherever appropriate.**

1. Define health education. Write the objectives and principles of health education.
(2+2+6 = 10 marks)

2. **Write notes on:**

- 2A. Degrees of supervision of dental auxiliaries
- 2B. Milestones in dental public health
- 2C. Dental Council of India
- 2D. Uses of epidemiology
- 2E. Mechanism of action of fluorides
- 2F. Mass media
- 2G. Differences between case control and cohort studies
- 2H. Bangalore method of waste disposal
- 2I. Ideal requirements of an Index
- 2J. Pit and fissure sealants

(5×10 = 50 marks)

3. **Write short notes on:**

- 3A. Health for all phase
- 3B. Incremental dental care
- 3C. Brudevold's solution
- 3D. Dental therapist
- 3E. Migrant studies
- 3F. Random sampling
- 3G. Bar charts
- 3H. Disability and handicap
- 3I. Milk fluoridation
- 3J. Private fee-for-service

(2×10 = 20 marks)



MANIPAL UNIVERSITY**FINAL BDS PART – II DEGREE EXAMINATION – SEPTEMBER 2009****SUBJECT: PREVENTIVE AND COMMUNITY DENTISTRY (ESSAY)**

Tuesday, September 15, 2009

Time: 14:30 – 17:00 Hrs

Max. Marks: 80

✍ Draw diagrams and flowcharts wherever appropriate.

1. Define Epidemiology. Write in detail about Case Control studies.

(2+8 = 10 marks)

2. Write notes on:

2A. Prevention of oral cancer

2B. Steps in a survey

2C. Health education versus Propaganda

2D. Mechanical plaque control

2E. Primary health care

2F. Community Periodontal Index of Treatment Needs

2G. Changing concepts of public health

2H. Difference between private practice and public health dentistry

2I. Normal curve

2J. New Zealand School Dental Nurse.

(5×10 = 50 marks)

3. Write short notes on:

3A. Confounding Factor

3B. Iceberg of Disease

3C. Incidence and Prevalence

3D. Define Index

3E. Russel's rule

3F. Bias

3G. Define Epidemic and Endemic

3H. WHO Index age groups

3I. Potable water

3J. Fee for service.

(2×10 = 20 marks)

