

**MANIPAL ACADEMY OF HIGHER EDUCATION****MDS (PUBLIC HEALTH DENTISTRY) DEGREE EXAMINATION – MAY 2019****SUBJECT: PAPER I – APPLIED BASIC SCIENCES: APPLIED ANATOMY & HISTOLOGY, APPLIED PHYSIOLOGY & BIOCHEMISTRY, APPLIED PATHOLOGY, MICROBIOLOGY, ORAL PATHOLOGY, PHYSICAL & SOCIAL ANTHROPOLOGY, APPLIED PHARMACOLOGY AND RESEARCH METHODOLOGY & BIostatISTICS**

Friday, May 03, 2019

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Answer ALL the questions.**

✍ **Illustrate your answers with diagrams, flow charts wherever appropriate.**

✍ **Long Essays:**

1. Enumerate the paranasal air sinuses. Explain the maxillary sinus in detail.

(20 Marks)

2. Enumerate the bleeding disorders of importance in dentistry.

(20 Marks)

3. **Write short notes on:**

3A. Analysis of variance

3B. Sjogrens syndrome

3C. Microbial flora of the oral cavity

3D. Analgesics used in dentistry

3E. Citation and reference styles in research

(7 marks × 5 = 35 Marks)



**MANIPAL ACADEMY OF HIGHER EDUCATION**  
**MDS (PUBLIC HEALTH DENTISTRY) DEGREE EXAMINATION – MAY 2019**  
**SUBJECT: PAPER II: PUBLIC HEALTH**

Saturday, May 04, 2019

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

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✂ **Answer ALL the questions.**

✂ **Illustrate your answers with diagrams, flow charts wherever appropriate.**

✂ **Long Essays:**

1. Explain the historical evolution of public health. Add a note on the history of public health in India.

(20 Marks)

2. Discuss international & voluntary health agencies and their contribution to public health.

(20 Marks)

3. **Write short notes on:**

3A. Life course epidemiology

3B. Occupational health

3C. Health economics

3D. Socioeconomic status

3E. Common risk factor approach

(7 marks × 5 = 35 marks)



**MANIPAL ACADEMY OF HIGHER EDUCATION**  
**MDS (PUBLIC HEALTH DENTISTRY) DEGREE EXAMINATION – MAY 2019**  
**SUBJECT: PAPER III: DENTAL PUBLIC HEALTH**

Monday, May 06, 2019

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

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✍ **Answer ALL the questions.**

✍ **Illustrate your answers with diagrams, flow charts wherever appropriate.**

✍ **Long Essays:**

1. Discuss the epidemiology of oral cancer. Add a note on epidemiological studies on oral cancer in India.

(20 marks)

2. Classify dental auxiliaries. Discuss the scope and limitations of dental auxiliaries in Indian scenario.

(20 marks)

3. **Write short notes on:**

3A. Steps in diet counselling

3B. WHO oral health survey basic methods 2013

3C. Prevention of sports injuries

3D. Deprivation and oral health

3E. PRECEDE-PROCEDE model

(7 marks × 5 = 35 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION  
MDS (PUBLIC HEALTH DENTISTRY) DEGREE EXAMINATION – MAY 2019

SUBJECT: PAPER IV: ESSAY

Tuesday, May 07, 2019

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

- ✍ Answer ONLY ONE question.
- ✍ Illustrate your answers with diagrams, flowcharts wherever appropriate.

✍ Long Essay:

1. Role of fluorides in health.

OR

2. National Health Policy.

(75 marks)

