

Reg. No.

## MANIPAL ACADEMY OF HIGHER EDUCATION

MDS (PUBLIC HEALTH DENTISTRY) DEGREE EXAMINATION – JUNE/JULY 2020

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

Monday, June 29, 2020

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. Describe protein energy malnutrition and explain its impact on oral health.

(20 marks)

2. Describe the pre-malignant lesions of the oral cavity and their significance.

(20 marks)

3. Write short notes on:

3A. Null hypothesis

3B. Hypersensitivity reactions

3C. Temporo-mandibular joint

3D. Cultural Anthropology

3E. Muscles of mastication

(7 marks × 5 = 35 marks)



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MDS (PUBLIC HEALTH DENTISTRY) DEGREE EXAMINATION – JUNE/JULY 2020

SUBJECT: PAPER II: PUBLIC HEALTH

Tuesday, June 30, 2020

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. Discuss the role of primary health centres in promoting oral health of the Indian population. (20 marks)

2. Discuss the methods of group health education. Add a note on the models of health education. (20 marks)

3. Write short notes on:

3A. Bias in epidemiology

3B. Program evaluation

3C. Importance of place and person in descriptive epidemiology

3D. Balanced diet

3E. Indicators of health

(7 marks × 5 = 35 marks)



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**MDS (PUBLIC HEALTH DENTISTRY) DEGREE EXAMINATION – JUNE/JULY 2020**

**SUBJECT: PAPER III: DENTAL PUBLIC HEALTH**

Thursday, July 02, 2020

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. Explain health planning. Discuss its significance in dental public health.

(20 marks)

2. Discuss the pathogenesis of dental fluorosis. Add a note on its dose – response relationship.

(20 marks)

3. Write short notes on:

3A. Scope and limitations of dental finance mechanisms in India

3B. Oral health promotion

3C. WHO MPOWER measures

3D. Tri-sector partnership in oral health care

3E. Caries risk assessment

(7 marks × 5 = 35 marks)



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**MANIPAL ACADEMY OF HIGHER EDUCATION**

**MDS (PUBLIC HEALTH DENTISTRY) DEGREE EXAMINATION – JUNE/JULY 2020**

**SUBJECT: PAPER IV: ESSAY**

Friday, July 03, 2020

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

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✍ Answer **ONLY ONE** question.

✍ Illustrate your answers with diagrams, flowcharts wherever appropriate.

✍ Long Essay:

1. Discuss the scope, limitations and recent developments in Preventive dentistry.

**OR**

2. Discuss the role of pictorial health warnings for effective tobacco control.

