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MANIPAL UNIVERSITY

MDS (PUBLIC HEALTH DENTISTRY) DEGREE EXAMINATION – APRIL 2012

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, April 09, 2012

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ Answer ALL the questions.

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

1. Role of saliva in oral health.

(20 marks)

2. Explain the methodology applied to determine the efficacy of a toothbrush.

(20 marks)

3. Write short notes on:

3A. Gaussian distribution

3B. Organization of a cell

3C. Erythroblastosis fetalis

3D. Dentinogenesis Imperfecta

3E. Muscles of the tongue

(7×5 = 35 marks)



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MANIPAL UNIVERSITY

MDS (PUBLIC HEALTH DENTISTRY) DEGREE EXAMINATION – APRIL 2012

SUBJECT: PAPER II: PUBLIC HEALTH

Tuesday, April 10, 2012

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ Answer ALL the questions.

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

1. Discuss the relationship between socioeconomic status and health.

(20 marks)

2. Describe the present trend of communicable and non-communicable diseases in the developed and developing countries.

(20 marks)

3. Write short notes:

3A. Emporiatics.

3B. Ecological Survey.

3C. Surveillance.

3D. School health programs in India.

3E. Risk factor intervention trial.

(7×5 = 35 marks)



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MANIPAL UNIVERSITY

MDS (PUBLIC HEALTH DENTISTRY) DEGREE EXAMINATION – APRIL 2012

SUBJECT: PAPER III: DENTAL PUBLIC HEALTH

Wednesday, April 11, 2012

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Answer ALL the questions.**

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

1. Discuss the effectiveness of the regulatory approach towards public health in India.

(20 marks)

2. Discuss the role of host factors in the epidemiology of oral cancer.

(20 marks)

3. **Write short notes on:**

3A. Rationale of nutritional guidance in dentistry.

3B. Applicability of community water fluoridation in India.

3C. WHO Framework Convention on Tobacco Control.

3D. Preventive oral health care for the medically compromised.

3E. Dental practice management.

(7×5 = 35 marks)



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MANIPAL UNIVERSITY

MDS (PUBLIC HEALTH DENTISTRY) DEGREE EXAMINATION – APRIL 2012

SUBJECT: PAPER IV: ESSAY

Thursday, April 12, 2012

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

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- ✍ Answer only ONE question.
 - ✍ Illustrate your answers with diagrams, flow charts wherever appropriate.

Fluoride- A double edged sword.

OR

Geriatric oral health care – The Indian scenario.

