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MANIPAL UNIVERSITY

MDS (PUBLIC HEALTH DENTISTRY) DEGREE EXAMINATION – APRIL 2011

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 04, 2011

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 development of the face and add a note on its clinical aspects.

(20 marks)

2. What is diabetes mellitus? Discuss its effect on the oral environment.

(20 marks)

3. **Write short notes on:**

3A. Customs and habits

3B. Uses and limitations of biostatistics

3C. Deglutition

3D. The process of inflammation

3E. Fordyce's granules

(7×5 = 35 marks)



Reg. No.

MANIPAL UNIVERSITY

MDS (PUBLIC HEALTH DENTISTRY) DEGREE EXAMINATION – APRIL 2011

SUBJECT: PAPER II: PUBLIC HEALTH

Tuesday, April 05, 2011

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Answer ALL the questions.**

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

1. Define culture and discuss the influence of culture in rural and urban population. (20 marks)

2. Define epidemiology. Discuss the epidemiological investigation methods and enumerate differences between community and individual approaches. (20 marks)

3. **Write short notes on:**
 - 3A. Incremental health care
 - 3B. Geneva declaration
 - 3C. Mass media in health education
 - 3D. Co-operative for Assistance and relief everywhere Inc.
 - 3E. Diet history

(7×5 = 35 marks)



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MANIPAL UNIVERSITY

MDS (PUBLIC HEALTH DENTISTRY) DEGREE EXAMINATION – APRIL 2011

SUBJECT: PAPER III: DENTAL PUBLIC HEALTH

Wednesday, April 06, 2011

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 epidemiology of oral cancer and the current status in India and other developing countries.

(20 marks)

2. Give an account of oral diseases as noted through various epidemiological surveys conducted in the context with the Indian population in recent years.

(20 marks)

3. Write short notes on:

3A. Application of the indices of malocclusion in dentistry.

3B. Team management in public health dentistry.

3C. Economic analysis and their relevance in oral health care delivery.

3D. Fluoride biomarkers.

3E. The Rosalgen study.

(7×5 = 35 marks)



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MANIPAL UNIVERSITY

MDS (PUBLIC HEALTH DENTISTRY) DEGREE EXAMINATION – APRIL 2011

SUBJECT: PAPER IV: ESSAY

Thursday, April 07, 2011

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

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

✍ Write an Essay on:

Health awareness through health education- Effectiveness in India.

OR

Role of private dental practitioners in dental public health.

