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| Reg. No. | | | | | | | | | | |
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MANIPAL UNIVERSITY

MDS (PUBLIC HEALTH DENTISTRY) DEGREE EXAMINATION – APRIL 2010

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 05, 2010

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Answer ALL the questions.**

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

1. Implications of nutritional deficiencies on oral structures.

(20 marks)

2. Ethical considerations in conducting human research and animal studies.

(20 marks)

3. **Write short notes on:**

3A. Saliva and its importance in health.

3B. Tic douloureux.

3C. Role of *Mutans* streptococci in dental caries.

3D. Dentinogenesis imperfecta.

3E. OSHA guidelines for infection control.

(7×5 = 35 marks)



Reg. No.

MANIPAL UNIVERSITY

MDS (PUBLIC HEALTH DENTISTRY) DEGREE EXAMINATION – APRIL 2010

SUBJECT: PAPER II: PUBLIC HEALTH

Tuesday, April 06, 2010

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Answer ALL the questions.**

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

1. Explain various concepts in controlling diseases.

(20 marks)

2. Describe the health systems in India.

(20 marks)

3. **Write short notes on:**

3A. Sensitivity and specificity.

3B. Secondary attack rate.

3C. Socio-economic indicators of health.

3D. Evidence based practice.

3E. Risk factors and at risk groups.

(7×5 = 35 marks)



MANIPAL UNIVERSITY**MDS (PUBLIC HEALTH DENTISTRY) DEGREE EXAMINATION – APRIL 2010****SUBJECT: PAPER III: DENTAL PUBLIC HEALTH**

Wednesday, April 07, 2010

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Answer ALL the questions.**

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

1. Critically evaluate the merits and demerits of the various dental fluorosis indices used in epidemiological surveys.

(20 marks)

2. Discuss the significance of behavioral sciences in community oral health practices.

(20 marks)

3. **Write short notes on:**

3A. Blood and vulcanite dentures.

3B. Common risk factor approach- A rational basis for promoting oral health.

3C. Tooth mortality and morbidity.

3D. Dental manpower utilization strategies.

3E. Work theories in dental practice.

(7×5 = 35 marks)



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MANIPAL UNIVERSITY

MDS (PUBLIC HEALTH DENTISTRY) DEGREE EXAMINATION – APRIL 2010

SUBJECT: PAPER IV: ESSAY

Thursday, April 08, 2010

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

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

✍ Write an Essay on:

Fluoride intake for tooth protection- A boon or bane.

OR

Current concepts in prevention of oral diseases.

