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MANIPAL UNIVERSITY

MDS (PUBLIC HEALTH DENTISTRY) DEGREE EXAMINATION – JUNE 2016

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 06, 2016

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 structure, muscles, ligaments, blood supply and nerve supply of the temporomandibular joint (TMJ). Add a note on the development of TMJ.

(20 marks)

2. Plan a study to assess the effectiveness of four commercially available desensitizing dentifrices.

(20 marks)

3. Write short notes on:

3A. Anti-cancer drugs

3B. Regulation of blood sugar

3C. Types of shock

3D. Cochrane collaboration

3E. Bacteriology of periodontal diseases

(7 marks × 5 = 35 marks)



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MANIPAL UNIVERSITY

MDS (PUBLIC HEALTH DENTISTRY) DEGREE EXAMINATION – JUNE 2016

SUBJECT: PAPER II: PUBLIC HEALTH

Tuesday, June 07, 2016

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. Suggest possible ways of population control in India keeping in view the socio cultural sensitivities of the various communities.

(20 marks)

2. Discuss the role of computers in public health practice.

(20 marks)

3. **Write short notes on:**

3A. Association and causation

3B. 'Accelerated rural water supply' scheme

3C. Drought and fluorosis

3D. Program evaluation

3E. Epidemiological circle

(7 marks × 5 = 35 marks)



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MANIPAL UNIVERSITY

MDS (PUBLIC HEALTH DENTISTRY) DEGREE EXAMINATION – JUNE 2016

SUBJECT: PAPER III: DENTAL PUBLIC HEALTH

Wednesday, June 08, 2016

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 role of oral indices in the planning of oral health services for the community.
(20 marks)

2. Explain the role of diet in dental caries.
(20 marks)

3. **Write short notes on:**

3A. Mc Gregor's principle in Group dental practice

3B. Advantages and disadvantages of mobile dental services

3C. Chemical plaque control measures

3D. Dental Insurance

3E. Infection control in dental practice

(7 marks × 5 = 35 marks)



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MANIPAL UNIVERSITY

MDS (PUBLIC HEALTH DENTISTRY) DEGREE EXAMINATION – JUNE 2016

SUBJECT: PAPER IV: ESSAY

Thursday, June 09, 2016

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

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

1. Social gradients and dental care utilization.

OR

2. Cariogram

(75 marks)

