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MANIPAL UNIVERSITY

MDS (PUBLIC HEALTH DENTISTRY) DEGREE EXAMINATION – APRIL 2015

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 06, 2015

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 in detail the branchial arches. Add a note on the development of the face.

(20 marks)

2. Enumerate the cranial nerves. Describe the trigeminal nerve in detail.

(20 marks)

3. Write short notes on:

3A. Haemorrhage

3B. Hypersensitivity

3C. Emergency drugs in dental practice

3D. Bayesian statistics

3E. Lymph nodes of head and neck

(7 marks × 5 = 35 marks)



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MANIPAL UNIVERSITY

MDS (PUBLIC HEALTH DENTISTRY) DEGREE EXAMINATION – APRIL 2015

SUBJECT: PAPER II: PUBLIC HEALTH

Tuesday, April 07, 2015

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 diet and nutrition in oral health. (20 marks)
2. Discuss - Prevention is better than cure. (20 marks)
3. **Write short notes on:**
 - 3A. Current scope and concerns in public health
 - 3B. Alma - Ata declaration
 - 3C. Health programs in India
 - 3D. Clinical trials
 - 3E. Confounding

(7 marks × 5 = 35 marks)



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MANIPAL UNIVERSITY

MDS (PUBLIC HEALTH DENTISTRY) DEGREE EXAMINATION – APRIL 2015

SUBJECT: PAPER III: DENTAL PUBLIC HEALTH

Wednesday, April 08, 2015

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 the importance of school dental health programs and their role in oral disease prevention. Add a note on the school dental programs in operation in India.

(20 marks)

2. Discuss the pioneering studies done on Pit and Fissure sealants and add a note on the recent developments.

(20 marks)

3. Write short notes on:

3A. Population approach to oral health

3B. ICDAS (International Caries Detection and Assessment System)

3C. Chemo mechanical caries removal

3D. Ora test

3E. Screening aids for oral premalignant/malignant lesions

(7 marks × 5 = 35 marks)



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MANIPAL UNIVERSITY

MDS (PUBLIC HEALTH DENTISTRY) DEGREE EXAMINATION – APRIL 2015

SUBJECT: PAPER IV: ESSAY

Thursday, April 09, 2015

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

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

1. Discuss the World Health Organization (WHO) Health promoting school framework in relation to the Indian scenario

OR

2. Discuss the appropriate preventive oral health strategy for India.

(75 marks)

