

MANIPAL UNIVERSITY

MDS (PUBLIC HEALTH DENTISTRY) DEGREE EXAMINATION – APRIL 2013

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 08, 2013

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ Answer ALL the questions.

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

1. Explain the development of the tongue. Write about the muscles of the tongue.

(20 marks)

2. Discuss the types of health research. Explain a research protocol.

(20 marks)

3. Write short notes on:

3A. Mikulicz disease

3B. Blood groups and blood types

3C. Teeth development

3D. Variables in research

3E. Hormones

(7×5 = 35 marks)



Reg. No.

MANIPAL UNIVERSITY

MDS (PUBLIC HEALTH DENTISTRY) DEGREE EXAMINATION – APRIL 2013

SUBJECT: PAPER II: PUBLIC HEALTH

Tuesday, April 09, 2013

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ Answer ALL the questions.

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

1. Explain Randomized controlled trials. Add a note on informed consent.

(20 marks)

2. Enumerate the history of public health in India.

(20 marks)

3. Write short notes on:

3A. Mortality and morbidity.

3B. Bloomberg initiative.

3C. Occupational hazards in dentistry.

3D. Etiological hypothesis.

3E. Professional negligence.

(7×5 = 35 marks)



Reg. No.

MANIPAL UNIVERSITY

MDS (PUBLIC HEALTH DENTISTRY) DEGREE EXAMINATION – APRIL 2013

SUBJECT: PAPER III: DENTAL PUBLIC HEALTH

Wednesday, April 10, 2013

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

 Answer ALL the questions.

 Illustrate your answers with diagrams, flow charts wherever appropriate.

1. Discuss dental public health practice in India.

(20 marks)

2. Discuss the role of nutrition in the epidemiology of dental caries and periodontal disease.

(20 marks)

3. Write short notes on:

3A. Space maintainers.

3B. Thorndike's law of effect.

3C. Analysis of fluoride in water.

3D. Significant caries index.

3E. Counseling for tobacco cessation.

(7×5 = 35 marks)



Reg. No.																			
----------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

MANIPAL UNIVERSITY

MDS (PUBLIC HEALTH DENTISTRY) DEGREE EXAMINATION – APRIL 2013

SUBJECT: PAPER IV: ESSAY

Thursday, April 11, 2013

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

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

Discuss the dental manpower situation in India

OR

Oral health care for special groups

