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MANIPAL UNIVERSITY


MDS (PAEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION - APRIL 2013

SUBJECT: PAPER I – APPLIED BASIC SCIENCES: APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY, MICROBIOLOGY, NUTRITION & DIETICS, GROWTH & DEVELOPMENT AND DENTAL PLAQUE, GENETICS

Monday, April 08, 2013

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

 **Answer all questions.**

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

1. Define immunity. Discuss immunological reactions involved in humoral and cellular response of human body.

(20 marks)

2. Discuss in detail the course and distribution of trigeminal nerve.

(20 marks)

3. Short Essays:

3A. Muscles of mastication.

3B. Down syndrome.

3C. Trace elements and dental caries.

3D. Probiotics.

3E. Role of plaque in initiation of dental caries.

(7×5 = 35 marks)



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MANIPAL UNIVERSITY

MDS (PAEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION - APRIL 2013

SUBJECT: PAPER II: CLINICAL PEDIATRIC DENTISTRY

Tuesday, April 09, 2013

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ Answer all questions.

✍ Draw diagrams and flowcharts wherever appropriate.

1. Discuss in detail various vital pulp therapies in a deciduous teeth.

(20 marks)

2. Discuss in detail the psychological development of a child from birth to adulthood.

(20 marks)

3. **Write notes on:**

3A. MTA

3B. Non accidental injuries

3C. Fixed space maintainers

3D. Leukemia in children

3E. Expansion appliance

(7×5 = 35 marks)



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MANIPAL UNIVERSITY


MDS (PAEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION - APRIL 2013

SUBJECT: PAPER III: PREVENTIVE AND COMMUNITY DENTISTRY AS APPLIED
TO PEDIATRIC DENTISTRY

Wednesday, April 10, 2013

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

 Answer all questions.

1. Discuss in detail the prevalence of dental caries and malocclusion in India.

(20 marks)

2. Discuss in detail about fluoride lobby in India.

(20 marks)

3. Short Essay:

3A. Stratified random sampling.

3B. Prevention of Dental caries in mentally retarded children.

3C. Rural dental health policies in India and its feasibility.

3D. Dental health education.

3E. Fluoride varnishes.

(7×5 = 35 marks)



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MANIPAL UNIVERSITY

MDS (PAEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION - APRIL 2013

SUBJECT: PAPER IV: ESSAY

Thursday, April 11, 2013

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

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

Lasers in Dentistry.

OR

Recent advances in restorative dentistry.



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MANIPAL UNIVERSITY

MDS (PAEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION - APRIL 2013

SUBJECT: PAPER IV: ESSAY

Thursday, April 11, 2013

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

 Illustrate your answer with diagram, flow charts wherever appropriate.

Lasers in Dentistry.

OR

Recent advances in restorative dentistry.

