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MANIPAL UNIVERSITY

MDS (PAEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION - APRIL 2012

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

Monday, April 09, 2012

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Answer all questions.**

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

1. Discuss the prenatal and postnatal growth of mandible.

(20 marks)

2. Describe pituitary gland as a master of endocrine orchestra.

(20 marks)

3. **Short essay:**

3A. Innervation of tongue.

3B. Facial artery.

3C. Ontogeny of immune mechanism in the oral cavity.

3D. Measures of central tendency.

3E. Somites

(7×5 = 35 marks)



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MANIPAL UNIVERSITY

MDS (PAEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION - APRIL 2012

SUBJECT: PAPER II: CLINICAL PEDIATRIC DENTISTRY

Tuesday, April 10, 2012

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ Answer all questions.

1. Define Ellis Class III. Add a note on its management.

(20 marks)

2. Developmental of cleft lip and palate. How will you manage a child with cleft lip and palate?

(20 marks)

3. Short Essays:

3A. Dentin hypersensitivity.

3B. Primary herpetic gingivo stomatitis.

3C. Scope of Pedodontics.

3D. Window of infectivity.

3E. GIC.

(7×5 = 35 marks)



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MANIPAL UNIVERSITY

MDS (PAEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION - APRIL 2012

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

Wednesday, April 11, 2012

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

Answer all questions.

1. Discuss the step by step approach for diet counseling of 13 years old with high caries risk.
(20 marks)
2. Discuss the various methods of achieving low level fluorides in the oral cavity for caries prevention.
(20 marks)
3. **Short Essay:**
 - 3A. Prevention of thumb sucking.
 - 3B. Radiation hygiene.
 - 3C. Dean's Index.
 - 3D. Audiovisual aids in school dental health programme.
 - 3E. Cohort study.

(7×5 = 35 marks)



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MANIPAL UNIVERSITY

MDS (PAEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION - APRIL 2012

SUBJECT: PAPER IV: ESSAY

Thursday, April 12, 2012

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

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

Recent advances in diagnosis of pulpal pathologies

OR

Multi disciplinary team management of cleft lip and palate patient

