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MANIPAL UNIVERSITY

MDS (PAEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION - APRIL 2011

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

Monday, April 04, 2011

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Answer ALL the questions.**

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

1. Describe in detail the development, structure, nerve supply, blood supply and lymphatic drainage of the parotid gland.

(20 marks)

2. Describe in detail the cascade of coagulation of blood. Enumerate the common bleeding disorder in children.

(20 marks)

3. **Short Essay:**

3A. Balanced diet

3B. Ketone bodies

3C. Facial nerve

3D. Vitamin C deficiency

3E. Development of cleft lip and palate

(7×5 = 35 marks)



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MANIPAL UNIVERSITY

MDS (PAEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION - APRIL 2011

SUBJECT: PAPER II: CLINICAL PEDIATRIC DENTISTRY

Tuesday, April 05, 2011

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ Answer ALL the questions.

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

1. Define trauma. Discuss various classifications of traumatic injuries to anterior teeth. Discuss management of class III fracture of crown.

(20 marks)

2. Discuss the applicability of various mixed dentition analysis.

(20 marks)

3. Short Essay:

3A. Laser fluorescence in detection of caries

3B. Amelogenesis Imperfecta and its management

3C. Rationalise Indication of distal shoe

3D. Radio visuography

3E. EMLA

(7×5 = 35 marks)



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MANIPAL UNIVERSITY

MDS (PAEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION - APRIL 2011

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

Wednesday, April 06, 2011

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 factors influencing space management in premature loss of primary teeth. What are the various space management strategies to deal with this?

(20 marks)

2. What is diet counseling? Give a step by step procedure of nutritional counseling in a child with rampant caries.

(20 marks)

3. **Short Essay:**

3A. Sub Mandibular salivary gland

3B. Cohort study

3C. Milk fluoridation

3D. Health education aids

3E. Role of casein phosphopeptide in caries prevention

(7×5 = 35 marks)



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MANIPAL UNIVERSITY

MDS (PAEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION - APRIL 2011

SUBJECT: PAPER IV: ESSAY

Thursday, April 07, 2011

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

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

✍ Write an Essay on:

Early Childhood Caries

OR

Minimal Invasive Dentistry

