

MANIPAL UNIVERSITY**MDS (PAEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION - APRIL 2014****SUBJECT: PAPER I – APPLIED BASIC SCIENCES: APPLIED ANATOMY,
PHYSIOLOGY, PATHOLOGY, MICROBIOLOGY, NUTRITION & DIETICS, GROWTH
& DEVELOPMENT AND DENTAL PLAQUE, GENETICS**

Monday, April 07, 2014

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 mandibular division of trigeminal nerve. Discuss the anatomic considerations for a inferior alveolar nerve block.

(20 marks)

2. Discuss the development of tooth in detail.

(20 marks)

3. **Write short notes on:**

3A. Saliva and oral health

3B. Probiotics

3C. Window of infectivity

3D. Vitamin D

3E. Describe the development of the tongue

(7×5 = 35 marks)



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MANIPAL UNIVERSITY

MDS (PAEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION - APRIL 2014

SUBJECT: PAPER II: CLINICAL PEDIATRIC DENTISTRY

Tuesday, April 08, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Answer all questions.**

✍ **Long Essays.**

1. Discuss the role of substrate factor with the pathogenesis of dental caries in primary teeth.
(20 marks)
2. Define trauma. Discuss the various classification related to traumatic injuries to anterior teeth. How will you manage luxation injuries of young permanent teeth?
(20 marks)

3. Write short notes on:

- 3A. Fiber reinforced material
- 3B. Endodontic systems in primary teeth
- 3C. Enamel hypoplasia
- 3D. Localized juvenile periodontitis
- 3E. Mixed dentition analysis

(7×5 = 35 marks)



MANIPAL UNIVERSITY**MDS (PAEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION - APRIL 2014****SUBJECT: PAPER III: PREVENTIVE AND COMMUNITY DENTISTRY AS APPLIED
TO PEDIATRIC DENTISTRY**

Wednesday, April 09, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ Answer all questions.**✍ Long Essays.**

1. Define Dental health and Dental health neglect. Discuss the role of dentist in dental health education of community.

(20 marks)

2. Discuss in detail the various caries prediction test, their applicability and limitation at community level.

(20 marks)

3. Write short notes on:

3A. Anticipatory guidance

3B. Silness and Loc Index

3C. Methods of sampling

3D. Slow Fluoride release systems

3E. Double blind study

(7×5 = 35 marks)



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MANIPAL UNIVERSITY

MDS (PAEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION - APRIL 2014

SUBJECT: PAPER IV: ESSAY

Thursday, April 10, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

- ✍ Answer only ONE question.
- ✍ Draw diagrams & flow charts wherever appropriate.
- ✍ Long Essay.

Smart Materials

OR

Controversy regarding formacresol and suitable alternatives

