

MANIPAL UNIVERSITY**MDS (PEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION – APRIL 2007****SUBJECT: PAPER I: APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY,****NUTRITION & BIO-STATISTICS AND RESEARCH METHODOLOGY**

Monday, April 02, 2007

Time: 3 Hours

Max. Marks: 100

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- ✍ **Answer all the questions.**
 - ✍ **All questions carry equal marks.**
 - ✍ **Illustrate your answers with diagrams, flow charts wherever appropriate.**

1. Discuss the stages of amelogenesis along with the applied aspects.

2. How and why is the reaction of pulpal connective tissue to injury different from the reaction of connective tissue elsewhere in the body? Discuss in detail the pathophysiology of pulp.

3. Write briefly on:
 - 3A. Muscles of mastication.
 - 3B. Vitamin D.
 - 3C. Hormones influencing growth.
 - 3D. Bias in sampling.

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MANIPAL UNIVERSITY

MDS (PEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION – APRIL 2007

SUBJECT: PAPER II: CLINICAL PEDODONTICS INCLUDING CHILD PSYCHOLOGY

AND MANAGEMENT OF ORAL AND DENTAL DISEASES IN CHILDREN

Tuesday, April 03, 2007

Time: 3 Hours

Max. Marks: 100

✍ Answer all the questions.

✍ All questions carry equal marks.

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

1. Describe in detail the psychological development of a child from birth to adolescence based on the various theories of child development. Add a note on prominent behavioural characteristics of 3-6 year old children affecting dental treatment.

2. Critically evaluate root canal filling materials used in deciduous teeth.

3. Write briefly on:
 - 3A. Mixed dentition analysis.
 - 3B. EMLA.
 - 3C. Non accidental injuries.
 - 3D. Aggressive periodontitis.



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MANIPAL UNIVERSITY**MDS (PEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION – APRIL 2007****SUBJECT: PAPER III: PREVENTIVE & PUBLIC HEALTH DENTISTRY AS APPLIED TO PEDODONTICS**

Wednesday, April 04, 2007

Time: 3 Hours

Max. Marks: 100

✍ **Answer all the questions.**

✍ **All questions carry equal marks.**

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

1. Discuss the design of an epidemiological survey for evaluating the prevalence of dental caries in school children of your city.

2. How will you prepare and implement an oral health education programme for a child patient?

3. Write briefly on:
 - 3A. Fluoride varnishes in caries prevention.
 - 3B. Prevention of traumatic injuries.
 - 3C. Transitional sealants Vs traditional sealants.
 - 3D. Primordial prevention.

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MDS (PEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION – APRIL 2007

SUBJECT: PAPER IV: RECENT ADVANCES AND ITS APPLICATION IN PEDODONTICS

Thursday, April 05, 2007

Time: 3 Hours

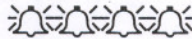
Max. Marks: 100

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

Early orthodontic interventions

OR

'Chair side GA' – a boon to pediatric dentists.



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MDS (PEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION – APRIL 2008

SUBJECT: PAPER I: APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY,

NUTRITION, BIO-STATISTICS AND RESEARCH METHODOLOGY

Monday, April 07, 2008

Time: 3 Hours

Max. Marks: 100

✍ **Answer all the questions.**

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

1. Define pain. Describe in detail the theories and the pathway of pain.

2. Discuss in depth the physiology of saliva.

3. Write briefly:

3A. Oral microflora in a neonate's and pre-school mouth.

3B. "Dental pulp is a unique organ".

3C. Pathfinder survey.

3D. Carotid artery.



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MDS (PEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION – APRIL 2008

SUBJECT: PAPER II: CLINICAL PEDODONTICS INCLUDING CHILD PSYCHOLOGY

AND MANAGEMENT OF ORAL AND DENTAL DISEASES IN CHILDREN

Tuesday, April 08, 2008

Time: 3 Hours

Max. Marks: 100

✍ Answer all the questions.

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

1. Discuss the role of calcium hydroxide in paediatric dentistry.
2. A 7 year old patient with congenital heart disease visits your dental clinic with a history of spontaneous pain in relation to 36. Discuss comprehensively, the line of management.
3. Discuss the relationship between oral microflora and rampant caries.



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MDS (PEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION – APRIL 2008

SUBJECT: PAPER III: PREVENTIVE & PUBLIC HEALTH DENTISTRY AS APPLIED TO PEDODONTICS

Wednesday, April 09, 2008

Time: 3 Hours

Max. Marks: 100

✍ Answer all the questions.

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

1. Discuss the prevention of oral and dental diseases at the individual level.
2. Critically evaluate the various indices used for assessing dental caries status.
3. Plan out a school sealant programme covering all the schools in Mangalore/Udupi district.



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MDS (PEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION – APRIL 2008

SUBJECT: PAPER IV: RECENT ADVANCES AND ITS APPLICATION IN PEDODONTICS

Thursday, April 10, 2008

Time: 3 Hours

Max. Marks: 100

Illustrate your answer with diagrams, flow charts wherever appropriate.

Newer materials used for pulpotomy as alternatives to formocresol.

OR

Modern concepts regarding the role of fluorides in the prevention of dental caries.



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