

Reg. No.

MANIPAL UNIVERSITY

MDS (PEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION – OCTOBER 2009

**SUBJECT: PAPER I: APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY,
NUTRITION, BIO-STATISTICS AND RESEARCH METHODOLOGY**

Monday, October 05, 2009

Time: 14:00 – 17:00 Hrs.

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 mechanism of coagulation of blood. Enumerate the various disorders affecting coagulation of blood in children.
 2. Discuss the origin, course, distribution and branches of the fifth cranial nerve. Add a note on its anatomical variations.
 3. Write briefly on:
 - 3A. Critical period of growth.
 - 3B. Protein Energy Malnutrition.
 - 3C. Development of palate.
 - 3D. Passive immunity.



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MDS (PEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION – OCTOBER 2009

**SUBJECT: PAPER II: CLINICAL PEDODONTICS INCLUDING CHILD PSYCHOLOGY
AND MANAGEMENT OF ORAL AND DENTAL DISEASES IN CHILDREN**

Tuesday, October 06, 2009

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer all the questions.**

✍ **All questions carry equal marks.**

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

1. Critically evaluate glutaraldehyde and ferric sulfate as alternatives to formocresol for primary tooth pulpotomies.
2. Discuss the etiology and management options of molar incisor hypoplasia in children.
3. Write briefly on:
 - 3A. Dissociative anesthesia.
 - 3B. Regional odontodysplasia.
 - 3C. Chemo mechanical removal of caries.
 - 3D. Storage media for avulsed teeth.



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MDS (PEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION – OCTOBER 2009

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

Wednesday, October 07, 2009

Time: 14:00 – 17:00 Hrs.

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 step-by-step approach for diet counseling of a 13 year old with high caries risk.
 2. Discuss the various methods of achieving low level fluorides in the oral cavity for caries prevention.
 3. Write briefly on:
 - 3A. Prevention of thumb sucking.
 - 3B. Radiation hygiene measures.
 - 3C. Cohort study.
 - 3D. Caries activity tests.



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MDS (PEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION – OCTOBER 2009

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

Thursday, October 08, 2009

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

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

Multi disciplinary team management of cleft lip and palate patients.

OR

Endodontic management of young permanent teeth.

