

MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MDS (PEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION – JULY 2005

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

Monday, July 04, 2005

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. What is reflex? What are the important reflexes present at birth and changes taking place with the development of different milestones?
2. What are the key cells in the development of oral mucosa? How does it differ from skin?
3. Write briefly on:
 - 3A. Test of significance
 - 3B. Serratiopeptidase
 - 3C. Hypo maturation in enamel and dentin
 - 3D. Recombinant DNA technology.

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MDS (PEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION – JULY 2005
SUBJECT: PAPER II: CLINICAL PEDODONTICS INCLUDING CHILD PSYCHOLOGY
AND MANAGEMENT OF ORAL AND DENTAL DISEASES IN CHILDREN

Tuesday, July 05, 2005

Time: 3 Hours

Max. Marks: 100

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

1. What do you understand by early orthodontic intervention? How will you manage an 8 year old child who comes with Angle's class I type II giving a history of thumb sucking.
2. Discuss in detail, vital pulp therapy in child patient.
3. Write briefly on:
 - 3A. Dental implications of stagers of Freud's and Erickson's theory.
 - 3B. Obturators.
 - 3C. Mineral trioxide aggregate.
 - 3D. Functional appliances.

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MDS (PEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION – JULY 2005

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

Wednesday, July 06, 2005

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 etiology and prevalence studies of sports injuries. Discuss the measures with studies relating to their prevention.
2. Discuss in detail the role of low caloric sweeteners in caries prevention.
3. Discuss case control study with examples.

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MDS (PEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION – JULY 2005

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

Thursday, July 07, 2005

Time: 3 Hours

Max. Marks: 100

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

Write an essay on:

Significance of esthetic dentistry in pedodontic practice.

OR

Recent developments in radiology for the pediatric dental patient.

