

MANIPAL ACADEMY OF HIGHER EDUCATION**MDS (PAEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION - JUNE 2018****SUBJECT: PAPER I – APPLIED BASIC SCIENCES: APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY, MICROBIOLOGY, NUTRITION & DIETICS, GROWTH & DEVELOPMENT AND DENTAL PLAQUE, GENETICS**

Monday, June 04, 2018

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Answer ALL questions.**

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

✍ **Long Essays:**

1. Discuss in detail the prenatal and postnatal development of mandible. (20 marks)
2. Discuss stages of Amelogenesis. Write in detail about developmental defects resulting from abnormalities in Amelogenesis. (20 marks)
3. **Write short notes on:**
 - 3A. Probiotics and its effect on dental caries.
 - 3B. Trace elements and dental caries.
 - 3C. Clotting mechanism and its significance in Pedodontics.
 - 3D. Discuss in detail establishment of oral micro flora from birth to eruption of teeth.
 - 3E. Facial nerve.

(7 marks × 5 = 35 marks)



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MANIPAL ACADEMY OF HIGHER EDUCATION

MDS (PAEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION - JUNE 2018

SUBJECT: PAPER II: CLINICAL PEDIATRIC DENTISTRY

Tuesday, June 05, 2018

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ Answer ALL questions.

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

✍ Long Essays:

1. Discuss in detail the various oral ulcerative lesions seen in children and their management.
(20 marks)

2. Critically evaluate pulpotomy technique in deciduous teeth.
(20 marks)

3. Short Essays:

3A. Lasers in paediatric dentistry.

3B. Root canal filling materials in primary teeth.

3C. Lip habits.

3D. Dental Fluorosis.

3E. Self correcting anomalies.

(7 marks × 5 = 35 marks)



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MANIPAL ACADEMY OF HIGHER EDUCATION

MDS (PAEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION - JUNE 2018

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

Wednesday, June 06, 2018

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ Answer ALL questions.

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

✍ Long Essays:

1. Critically evaluate various indices used for recording of dental caries status.

(20 marks)

2. Discuss various preventive programs that can be done in school.

(20 marks)

3. Short Essays:

3A. Levels of prevention

3B. Incremental health care

3C. Infant oral health care

3D. Aids in public health education

3E. Dental auxiliaries

(7 marks × 5 = 35 marks)



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MANIPAL ACADEMY OF HIGHER EDUCATION

MDS (PAEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION - JUNE 2018

SUBJECT: PAPER IV: ESSAY

Thursday, June 07, 2018

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

- ✍ **Answer all questions.**
- ✍ **Illustrate your answer with diagram, flow charts wherever appropriate.**

✍ **Long Essays:**

1. Cone beam CT and its application in pediatric dentistry.

OR

2. Controversies in water fluoridation and recent updates.

(75 marks)

