

MANIPAL ACADEMY OF HIGHER EDUCATION

MDS (PAEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION - MAY 2019
SUBJECT: PAPER I – APPLIED BASIC SCIENCES: APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY, MICROBIOLOGY, NUTRITION & DIETICS, GROWTH & DEVELOPMENT AND DENTAL PLAQUE, GENETICS

Friday, May 03, 2019

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Answer ALL questions.**

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

✍ **Long Essays:**

1. Role of hormones in functioning of the body. Discuss the dental implications of long term therapy of corticosteroids.

(20 marks)

2. Role of saliva in maintenance of oral health.

(20 marks)

3. **Short Essays:**

3A. Clinical features of neonate

3B. Chemical mediators of inflammation

3C. Effect of dental caries on nutritional status

3D. Pterygo mandibular ganglion

3E. Mandibular nerve

(7 marks × 5 = 35 marks)



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MDS (PAEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION - MAY 2019

SUBJECT: PAPER II: CLINICAL PEDIATRIC DENTISTRY

Saturday, May 04, 2019

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Answer ALL questions.**

✍ **Long Essays:**

1. Discuss role of diet and oral hygiene in initiation and prevention of dental caries. (20 marks)

2. Define thumb sucking? How will you manage a 9 years old male child with a habit of thumb sucking? (20 marks)

3. **Short Essays:**

3A. Ultra conservative restorations

3B. Pit and fissure sealants

3C. Space regainers

3D. Ellis class V injury

3E. Ca(OH)₂

(7 marks × 5 = 35 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION**MDS (PAEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION - MAY 2019****SUBJECT: PAPER III: PREVENTIVE AND COMMUNITY DENTISTRY AS APPLIED
TO PEDIATRIC DENTISTRY**

Monday, May 06, 2019

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Answer ALL questions.**

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

✍ **Long Essays:**

1. Define fluorosis and water defluoridation. Describe various water defluoridation techniques employed in India in detail.

(20 marks)

2. Discuss the role of low fluoride dental products in prevention of dental caries.

(20 marks)

3. **Write short notes on:**

3A. Pilot survey

3B. Bioethics in research in pediatric population

3C. Levels of prevention

3D. Radiation hygiene

3E. Prevention of non-accidental injuries

(7 marks × 5 = 35 marks)



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MDS (PAEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION - MAY 2019

SUBJECT: PAPER IV: ESSAY

Tuesday, May 07, 2019

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ Answer ANY ONE of the following:

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

1. Formocresol pulpotomy.

OR

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

(75 marks)

