

Reg. No.

MANIPAL ACADEMY OF HIGHER EDUCATION

MDS (PAEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION – JUNE/JULY 2020

SUBJECT: PAPER I – APPLIED BASIC SCIENCES: APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY, MICROBIOLOGY, NUTRITION & DIETICS, GROWTH & DEVELOPMENT AND DENTAL PLAQUE, GENETICS

Monday, June 29, 2020

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 anatomical and physiological differences between child and adult patient and their clinical significance.

(20 marks)

2. Discuss nutrition and its clinical significance in pediatric dentistry.

(20 marks)

3. Short Essay:

3A. Caries inhibitory factors in saliva.

3B. Pharyngeal arches.

3C. Passive immunity.

3D. Innervations of primary teeth.

3E. Development of tongue and its anomalies.

(7 marks × 5 = 35 marks)



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MDS (PAEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION – JUNE/JULY 2020

SUBJECT: PAPER II: CLINICAL PEDIATRIC DENTISTRY

Tuesday, June 30, 2020

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ Answer ALL questions.

✍ Long Essays:

1. Discuss the psychological development of child from birth to adulthood. (20 marks)
2. Discuss the management of 7 years old blind patient who reports to dental clinic with fractured 11, 2 hours after the accident. (20 marks)

3. Short Essay:

- 3A. Apex locator.
- 3B. Salivary pH strip.
- 3C. Posterior cross bite.
- 3D. Dentin bonding agents.
- 3E. Ca(OH)_2

(7 marks \times 5 = 35 marks)



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MDS (PAEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION – JUNE/JULY 2020
SUBJECT: PAPER III: PREVENTIVE AND COMMUNITY DENTISTRY AS APPLIED
TO PEDIATRIC DENTISTRY

Thursday, July 02, 2020

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 the role of infant oral health care in prevention of dental caries in children.

(20 marks)

2. Discuss importance of school based dental health clinic.

(20 marks)

3. Short Essays:

3A. P- value.

3B. Acute Fluoride toxicity.

3C. Pit and fissure sealants.

3D. Sampling methods.

3E. Path Finder survey.

(7 marks × 5 = 35 marks)



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MDS (PAEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION – JUNE/JULY 2020

SUBJECT: PAPER IV: ESSAY

Friday, July 03, 2020

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. Recent advances in diagnosis of dental caries.

OR

2. Minimal intervention technique.

(75 marks)

