

**MANIPAL UNIVERSITY****MDS (PAEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION - JUNE 2017****SUBJECT: PAPER I – APPLIED BASIC SCIENCES: APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY, MICROBIOLOGY, NUTRITION & DIETICS, GROWTH & DEVELOPMENT AND DENTAL PLAQUE, GENETICS**

Monday, June 05, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Answer ALL questions.**

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

1. Discuss in detail the histological stages of tooth development. Add a note on eruption of tooth in oral cavity.

(20 marks)

2. What are probiotics? Discuss the role of microflora in maintaining health of oral cavity.

(20 marks)

3. **Short essays:**

3A. Development of palate

3B. Infective endocarditis prophylaxis

3C. Dipslide test

3D. Various stages of tooth development

3E. Trigeminal nerve

(7 marks × 5 = 35 marks)



## MANIPAL UNIVERSITY

MDS (PAEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION - JUNE 2017

SUBJECT: PAPER II: CLINICAL PEDIATRIC DENTISTRY

Tuesday, June 06, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ Answer ALL questions.

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

✍ Long Essays:

1. An 10 years child has an Ellis class II fracture of 21. Discuss your management of the same.  
(20 marks)

2. Define behavior management and discuss various non pharmacological behavior modification techniques used in clinical practice.  
(20 marks)

3. Short essay:

3A. Windows of infectivity

3B. Radiographic indications in paediatric patients

3C. Dentine bonding agents

3D. Management of oral electrical burns in pediatric patients

3E. Autism

(7 marks × 5 = 35 marks)



**MANIPAL UNIVERSITY****MDS (PAEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION - JUNE 2017****SUBJECT: PAPER III: PREVENTIVE AND COMMUNITY DENTISTRY AS APPLIED  
TO PEDIATRIC DENTISTRY**

Wednesday, June 07, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Answer ALL questions.**

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

✍ **Long Essays:**

1. Design a survey to find out prevalence of dental caries in schools.

(20 marks)

2. Discuss the role of fluorides in caries inhibition.

(20 marks)

3. **Short Essays:**

3A. Critically evaluate caries control methods

3B. Infant oral health

3C. Diet counseling

3D. School dental nurse

3E. Anticipatory guidance

(7 marks × 5 = 35 marks)



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# MANIPAL UNIVERSITY

MDS (PAEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION - JUNE 2017

SUBJECT: PAPER IV: ESSAY

Thursday, June 08, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

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

✍ **Long Essays:**

1. Pit and fissure sealant.

**OR**

2. Dental management of medically comprised children.

(75 marks)

