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**MANIPAL ACADEMY OF HIGHER EDUCATION**  
**MDS PART - II (PAEDIATRIC AND PREVENTIVE DENTISTRY) DEGREE**  
**EXAMINATION – JUNE 2023**

**PAPER - I**

Wednesday, June 14, 2023

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

✍ Draw diagrams and flowcharts where necessary.

✍ Long Essay:

1. Discuss the role of substrate factor with the pathogenesis of dental caries in primary teeth. (25 marks)

2. Describe development of occlusion from predentate to permanent dentition. (25 marks)

3. Write short notes on:

3A. Enamel hypoplasia

3B. Aggressive Periodontitis

3C. Laser fluorescence in detection of dental caries

3D. Crowding in mixed dentition and its management

3E. Non-accidental injuries

(10 marks × 5 = 50 marks)



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**EXAMINATION – JUNE 2023**

**PAPER - II**

Friday, June 16, 2023

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Draw diagrams and flowcharts where necessary.**

1. Classify theories of child psychology relevant to Pediatric Dentistry. Write in detail on the operant conditioning theory

(25 marks)

2. Write in detail on anticipatory guidance.

(25 marks)

3. **Write Short Notes on:**

3A. Fluoride varnish

3B. Glass ionomer sealants

3C. Intraoral and extraoral signs of child abuse

3D. Concept of selective removal of carious tissue

3E. Parametric tests

(10 marks × 5 = 50 marks)



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**MDS PART - II (PAEDIATRIC AND PREVENTIVE DENTISTRY) DEGREE**  
**EXAMINATION – JUNE 2023**

**PAPER - III**

Monday, June 19, 2023

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

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✍ **Draw diagrams and flowcharts where necessary.**

✍ **Answer any TWO questions.**

1. Midazolam in Pediatric Dentistry
2. Regenerative endodontic procedures in Pediatric Dentistry
3. Silver Diamine Fluoride

(50 marks × 2 = 100 marks)

