

**MANIPAL ACADEMY OF HIGHER EDUCATION**  
**FINAL BDS PART – II DEGREE EXAMINATION – FEBRUARY 2022**

**SUBJECT: PAEDIATRIC AND PREVENTIVE DENTISTRY (ESSAY)**  
**(IR BATCH – 2021)**

Monday, February 21, 2022

Time: 14:15 – 17:00 Hrs.

Maximum Marks: 60

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✍ **Answer ALL the questions.**

✍ **Draw diagrams and flowcharts wherever appropriate.**

1. Write the indications, contraindications of stainless steel crowns. Describe the clinical steps in placement and any two modifications of stainless steel crowns.

(2+1+5+2 = 10 marks)

2. Classify traumatic injuries to anterior teeth based on Ellis and Davey classification. Describe the treatment for 21 with traumatic injury involving enamel, dentin and pulp in an 8 year old child.

(2+8 = 10 marks)

3. **Short Notes:**

3A. Classify and describe the clinical features of early childhood caries.

3B. Describe modeling as a method of behavior shaping.

3C. Explain the procedure for application, composition and mechanism of action of acidulated phosphate fluoride (APF).

3D. Write the indications and describe the technique of atraumatic restorative treatment (ART).

3E. Enumerate the indications and explain in detail the design of band and loop space maintainer.

3F. Write the composition of Buckley's formacresol and describe the steps in formacresol pulpotomy technique.

3G. Indications and contraindications of extraction of primary and permanent teeth in a pediatric patient.

3H. Write any four indications each for i) Occlusal radiograph ii) Intra oral periapical radiograph in children.

3I. Explain in detail the management of thumb sucking habit.

3J. Write any four differences between the child and adult periodontium.

(4 marks × 10 = 40 marks)

