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**MANIPAL ACADEMY OF HIGHER EDUCATION**  
**FINAL BDS PART – I DEGREE EXAMINATION – MARCH 2023**

**SUBJECT: PERIODONTOLOGY (ESSAY)**

**(2019 BATCH - REGULAR)**

Wednesday, March 22, 2023

Time: 14:15 – 17:00 Hrs.

Maximum Marks: 60

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**✍ Write Essay on:**

1. Define Furcation. Classify furcation defects. Discuss the techniques used to manage early and advanced Grade II furcation defects.

(10 marks)

2. Classify trauma from occlusion. Describe the clinical and radiographic features of trauma from occlusion. Add a note on the tissue response to increased occlusal forces.

(2+4+4 = 10 marks)

3. **Short notes:**

3A. Methods to collect gingival crevicular fluid

3B. Management of periimplantitis

3C. Theories of plaque formation

3D. Modified Widman flap

3E. Etiology of tooth mobility

3F. Melcher's concept of guided tissue regeneration

3G. Periodontal dressings

3H. Sub-antimicrobial dose of doxycycline

3I. Generations of periodontal probes

3J. Functions of attached gingiva

(4 marks × 10 = 40 marks)

