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MANIPAL ACADEMY OF HIGHER EDUCATION
FINAL BDS PART – I DEGREE EXAMINATION – AUGUST 2022
SUBJECT: ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS (ESSAY)
(IR BATCH)

Wednesday, August 10, 2022

Time: 14:15 – 17:00 Hrs.

Maximum Marks: 60

✍ **Answer ALL questions.**

✍ **Essay:**

1. List the various fixed appliance techniques. Add a note on the archwires used. Explain Adam's clasp in detail.

(2+4+4= 10 marks)

2. Define growth and development. List the theories of growth. Explain in detail Von Limborg's theory.

(2+3+5 = 10 marks)

3. **Short notes:**

3A. Benninghoff lines

3B. Simon's classification

3C. Andrew's Keys to normal occlusion

3D. Retained infantile swallow

3E. Schools of retention

3F. Pericision

3G. Theories of tooth movement

3H. Jackson's triad

3I. Kesling's diagnostic set-up

3J. Growth site versus growth center

(4 marks × 10 = 40 marks)

