

MANIPAL ACADEMY OF HIGHER EDUCATION
FINAL BDS PART – I DEGREE EXAMINATION – OCTOBER 2021
SUBJECT: ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS (ESSAY)

(IR BATCH 2021)

Monday, October 25, 2021

Time: 14:15 – 17:00 Hrs.

Maximum Marks: 60

✍ **Answer ALL questions.**

✍ **Long Questions:**

1. Describe the histological changes following the application of heavy and light orthodontic force. Add a note on theories of tooth movement.

(2+3+5 = 10 marks)

2. Write a note on the embryology and etiology of cleft lip and palate. Write on the various procedures for the management of cleft lip and palate from birth to adulthood.

(3+2+5 = 10 marks)

3. **Write Short Notes on:**

3A. Wolff's law and briefly explain its significance

3B. Andrews six keys of normal occlusion

3C. Leeway space of Nance and Moyers' late mesial shift

3D. Recording postural rest position and assessment of freeway space

3E. Angle SNA, angle SNB & angle ANB

3F. Stationary anchorage & Simple anchorage

3G. Principles in the use of Headgears

3H. Slow Vs Rapid expansion

3I. Frenectomy and Pericision

3J. Orthodontic study models

(4 marks × 10 = 40 marks)

