

MANIPAL ACADEMY OF HIGHER EDUCATION

MDS PART - I (ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS) DEGREE EXAMINATION – NOVEMBER 2022

SUBJECT: PAPER I – APPLIED BASIC SCIENCES

Thursday, November 03, 2022

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Write legibly.

✍ Draw diagrams wherever necessary.

1. Write in detail on the various resins used for bonding in orthodontics.
2. Describe in detail the development of cleft lip and palate.
3. Communicating with an adolescent orthodontic patient.
4. Role of mastication in growth and development of Mandible.
5. Write in detail on significance of pubertal growth in orthodontics.
6. Enumerate the various cranio-facial developmental defects. Describe the role of an Orthodontist in their treatment.
7. Describe the methods of Growth Prediction.
8. Write in detail on Tests of Significance.
9. Andrew's keys to normal occlusion.
10. Buccinator mechanism and its role in malocclusion.

(10 marks × 10 = 100 marks)

