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MANIPAL ACADEMY OF HIGHER EDUCATION

MDS PART - I (ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS) DEGREE
EXAMINATION – NOVEMBER 2020

SUBJECT: PAPER I – APPLIED BASIC SCIENCES

Monday, November 09, 2020

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Write legibly.

✍ Draw diagrams wherever necessary.

1. Discuss the anatomy of the Tongue and its role in the development of Orofacial structure and function
2. Effect of Vitamin deficiency on tooth material
3. Discuss the properties of Nickel Titanium wires and correlate them with clinical use
4. Write on latex and elastics as used in Orthodontics
5. Discuss the genetic basis of Cleft lip and Palate
6. Write on Ectodermal dysplasia
7. Write on Butler's field theory
8. Write on Little's Irregularity index
9. Write on Randomized Controlled trials
10. Describe the Influence of Bisphosphonates on tooth movement

(10 marks × 10 = 100 marks)

