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MANIPAL ACADEMY OF HIGHER EDUCATION

MDS PART - I (ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS) DEGREE EXAMINATION – OCTOBER 2023

SUBJECT: PAPER I – APPLIED BASIC SCIENCES

Friday, October 27, 2023

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer all the questions.

✍ Draw diagrams and flowchart where necessary.

1. Nutrition in Orthodontics.
2. Primary and secondary cartilage.
3. Parametric and Nonparametric test.
4. Juvenile diabetes mellitus.
5. Bioethics and relationship to Orthodontic management of patients.
6. Recent genetic studies and outline the importance of dentofacial genetics in contemporary orthodontics.
7. Load deflection rate and factors affecting it.
8. Biodegradation of Orthodontic materials.
9. Tests of significance.
10. Pathophysiology of Orthodontic pain.

(10 marks × 10 = 100 marks)

