

QP Code: 131230

Reg. No.....

MDS Part I Degree Supplementary Examinations July 2025

Orthodontics and Dentofacial Orthopaedics

**Paper 1- applied Basic Sciences: Applied Anatomy, Physiology
Dental Materials, Genetics, Pathology, Physical Anthropology, Applied
Research Methodology, Bio-statistics and Applied Pharmacology**

(2021 Scheme)

Time: 3 Hrs

Max marks: 100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw Diagrams wherever necessary.*

Essays (10x10=100)

1. Explain the process of development of maxilla. Add a note on its developmental anomalies.
2. NiTi (Nickel Titanium) arch wire.
3. Nutritional disorders affecting Growth.
4. Explain about stomatognathic system in detail.
5. Randomized Controlled Trial (RCT).
6. Treacher Collins Syndrome.
7. Bonding Adhesives and Light source in Orthodontics.
8. Describe the anatomy and abnormalities of Ginglymoarthroidal joint.
9. Evolution of Human Face.
10. Drugs influencing Orthodontic tooth movement.
