

QP Code: 131230

Reg. No.....

MDS Part I Degree Supplementary Examinations July 2023

Orthodontics and Dentofacial Orthopedics

**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. Post-natal growth of the mandible
2. V principle of growth and development
3. Cell junctions
4. Nickel Titanium archwires
5. Glass Ionomer Cement
6. Genetic basis of root resorption
7. Chi Square test
8. Type I and Type II errors in statistics
9. Calcium metabolism
10. Drugs inhibiting Orthodontic tooth movement
