

QP Code: 131230

Reg. No.....

**MDS Part I Degree Regular/Supplementary Examinations
January 2024**

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. The functional matrix hypothesis as applicable to mandibular growth
2. EMG studies on muscles
3. Thyroid hormones and Orthodontic treatment
4. Haemophilia and the Orthodontic patient
5. Titanium nanocoating in Orthodontics
6. Genetic basis of Class II division 2 malocclusion
7. ANOVA
8. Animal Experiments in Orthodontics
9. Probiotics applications in Orthodontics
10. Sella turcica
