

QP Code: 111230

Reg. No.....

MDS Part I Degree Regular/Supplementary Examinations July 2020

Orthodontics and Dentofacial Orthopedics

Paper I – Applied Basic Sciences in Orthodontics

**(2018 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. Enumerate the muscles of mastication. Discuss about the relevance of these muscles in clinical Orthodontics
2. Discuss the development of palate in detail and add a note on the development of clefts.
3. Experimental study designs
4. Principles of bioethics
5. Nonsteroidal anti-inflammatory drugs and their influence on orthodontic tooth movement.
6. Hypothyroidism and hyperthyroidism.
7. Genetics in malocclusion.
8. Antisialogogues used in Orthodontics
9. Orthodontic arch wire materials.
10. Irreversible hydrocolloids.

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