

**Q P Code: 211230**

**Reg. No.....**

**MDS Part II Degree Regular/Supplementary Examinations July 2020**

**Orthodontics and Dentofacial Orthopaedics**

**Paper I - Applied Anatomy, Physiology, Pathology, Genetics, Physical  
Anthropology and Dental Materials**

**(2016 Scheme)**

**Time: 3 Hours**

**Max. Marks: 75**

- *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*

**Long Essays**

**(2x20=40)**

1. Describe in detail Rickets' archival method of growth prediction
2. Discuss in detail the current concepts of functional matrix theory of Melvin Moss.

**Short Essays**

**(5x7=35)**

3. Role of genetics
4. Experimental research designs in orthodontics
5. Wolf's law of transformation
6. Parathyroid hormone in tooth movement
7. Copper NiTi

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