

**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

**[MDS 0723]**

**JULY 2023  
(MAY 2023 EXAM SESSION)**

**Sub. Code: 2521**

**M.D.S. DEGREE EXAMINATION  
(For the Candidates admitted from the Academic Year 2018-2019 onwards)**

**FIRST YEAR**

**PART – I**

**BRANCH V – ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS**

**PAPER I – APPLIED BASIC SCIENCES**

*Q.P. Code: 242521*

**Time: 3 Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(10 x 10 = 100)**

1. Development and Anatomy of TMJ.
2. Muscles of Facial Expression.
3. Role of Vitamin D in Orthodontics.
4. Cleido-Cranial Dysplasia.
5. Arch Wires and its significance.
6. Non Steroidal Anti Inflammatory Drugs.
7. Meta-Analysis and Orthodontic Evidence Based Clinical Practice.
8. Chromosomal Aberrations.
9. Sensitization and Stabilization.
10. Impression Materials Used in Orthodontics.

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