

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

[MDS 1121]

**NOVEMBER 2021
(OCTOBER 2021 SESSION)**

Sub. Code: 2467

**M.D.S DEGREE EXAMINATION
(For the Candidates Admitted from the Academic Year 2013-2014 to 2017-2018)**

BRANCH V – ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS

**PAPER I – APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY,
GENETICS PHYSICAL ANTHROPOLOGY AND
DENTAL MATERIAL**

Q.P. Code : 242467

Time: 3 Hours

Answer ALL Questions

Maximum: 75 Marks

I. Essay: **(1 x 15 = 15)**

1. Discuss the etiology, clinical features and Orthodontic management of Temporomandibular disorders.

II. Short Essays: **(6 x 10 = 60)**

1. Role of Genetic in Orthodontics.
2. Evidence based Orthodontics.
3. Calcium metabolism and its role in Orthodontics.
4. Application of Nanotechnology in Orthodontics.
5. Evaluation, prevention and treatment of white spot lesions in Orthodontic practice.
6. Hormonal Imbalance and Jaw growth.
