

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

[MDS 0223]

**FEBRUARY 2023
(OCTOBER 2022 EXAM SESSION)**

Sub. Code: 2536

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

FIRST YEAR

PART – I

BRANCH VIII – PAEDIATRIC AND PREVENTIVE DENTISTRY

PAPER I – APPLIED BASIC SCIENCES

Q.P. Code: 242536

Time: 3 Hours

Maximum: 100 Marks

I. Elaborate on:

(10 x 10 = 100)

1. Describe the course and distribution of Mandibular Nerve. Add a note on variations of Inferior Alveolar Nerve in children.
2. Describe the normal Clotting Mechanism and discuss about various Bleeding disorders seen in children.
3. Define Antigen and Antibody. What are Antigen and Antibody Reaction?
4. Randomized Controlled Trial.
5. Discuss the Anatomy of Temporomandibular joint and its Significance.
6. Describe the sources, requirement and Metabolism of Calcium and its Deficiency Manifestations.
7. Write in detail the Management of AIDS patient in Dental Office.
8. Discuss the process of Healing of Surgical Wound.
9. Describe the Role of Genetics in Dental Caries.
10. Enumerate the composition of Saliva and its Role in Buffering Capacity.
