

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

[MDS 0223]

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

Sub. Code: 2541

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

FIRST YEAR

PART – I

BRANCH IX – ORAL MEDICINE AND RADIOLOGY

PAPER I – APPLIED BASIC SCIENCES

Q.P. Code: 242541

Time: 3 Hours

Maximum: 100 Marks

I. Elaborate on:

(10 x 10 = 100)

1. Enumerate the various facial spaces. Write in detail about Ludwig's angina.
2. What are the functions of insulin and write in detail about oral manifestations of diabetes mellitus.
3. Write about fat soluble and water soluble vitamins. Write in detail about vitamin D and deficiency states associated with it.
4. Define metastasis. Write about different routes of spread of tumours.
5. Define immunity. What are the types of immunity and write about different types of vaccines.
6. Write about parotid gland and its relations. Write in detail about saliva secretion.
7. How is blood pressure regulated? Classify antihypertensive drugs and add a note on its effects on oral tissues.
8. Enlist the various cranial nerves. Write about trigeminal neuralgia.
9. Foci of infection.
10. What is sampling? Typing of sampling.
