

Sl.No: M2323

Course Code: 14717101

**VINAYAKA MISSION'S RESEARCH FOUNDATION
(Deemed to be University), SALEM**

**M.D.S. DEGREE EXAMINATION – July 2021
(New Regulations)**

BRANCH – CONSERVATIVE DENTISTRY AND ENDODONTICS

**PART I – PAPER I: APPLIED BASIC SCIENCES: APPLIED
ANATOMY, PHYSIOLOGY, PATHOLOGY INCLUDING ORAL
MICROBIOLOGY, PHARMACOLOGY, BIOSTATISTICS AND
RESEARCH METHODOLOGY AND APPLIED DENTAL
MATERIALS**

Time: Three hours

Maximum: 100 marks

Answer **ALL** the questions

(10 x 10 = 100)

1. Explain the development, formation, structure of enamel.
2. Muscles of Mastication.
3. Discuss in detail with illustrations the pathways and theories of pain.
Add a note on referred pain.
4. Calcium and phosphorus metabolism.
5. Analgesics used in conservative Dentistry and endodontics.
6. Discuss the role of mercury in dental amalgam and add a note on mercury hygiene.
7. Describe tests of significance.
8. Composition and functions of blood.
9. Causes for defective casting.
10. TMJ and its significance.
