

Sl.No: M2331

Course Code: 14917101

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

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

**BRANCH – PEDODONTICS AND PREVENTIVE DENTISTRY
PART I – PAPER I: APPLIED BASIC SCIENCES: APPLIED
ANATOMY, PHYSIOLOGY AND BIOCHEMISTRY,
PATHOLOGY, MICROBIOLOGY, PHARMACOLOGY,
RESEARCH METHODOLOGY AND BIOSTATISTICS
GROWTH AND DEVELOPMENT AND DENTAL PLAQUE,
GENETICS**

Time: Three hours

Maximum: 100 marks

Answer **ALL** the questions

(10 x 10 = 100)

1. Gagging reflex and its applied aspects in pediatric dentistry.
2. Inferior alveolar nerve and its applied aspects in children.
3. Numerical aberrations of chromosomes.
4. Importance of diet history in pediatric dental practice.
5. Host-microbiome symbiosis and its applied aspects in pediatric dentistry.
6. Cephalo-caudal growth gradient as applied to facial skeleton.
7. X linked inheritance.
8. Physiology of dental fear and its applied aspects.
9. Muscles of mastication and their applied aspects in children and adolescents.
10. Parametric tests in research.
