

Sl.No: M2034

Course Code: 14417101

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

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

**BRANCH – ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS**

**PART I – PAPER I : APPLIED BASIC SCIENCES : APPLIED  
ANATOMY, PHYSIOLOGY, DENTAL MATERIALS, GENETICS,  
PATHOLOGY, PHYSICAL ANTHROPOLOGY, APPLIED  
RESEARCH METHODOLOGY, BIO-STATISTICS AND APPLIED  
PHARMACOLOGY**

Time: Three hours

Maximum: 100 marks

Answer **ALL** the questions

**(10 x 10 = 100)**

- 1.Enlow's concept of Growth Equivalents.
- 2.TMJ - Importance, evaluation & clinical implication in Orthodontics.
- 3.Evaluation of facial Esthetics using Anthropometric proportions .
- 4.Mutually protected occlusion.
- 5.Role of naso-respiratory obstruction in malocclusion.
- 6.Air abrasive Etching.
- 7.Newer archwire materials in orthodontics.
- 8.Randomised controlled trials.
- 9.Genetically controlled malocclusion.
- 10.Prostaglandins in orthodontic tooth movement.

\*\*\*\*\*