

PAPER CODE: MDS2101

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES
WARANGAL, TELANGANA STATE – 506 002
MDS DEGREE PART – I EXAMINATIONS: AUGUST, 2025
ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS
BASIC SCIENCES
PAPER – I

Time: 3 Hours.

Max Marks: 100

Note: Answer all questions with neat diagrams whenever necessary
All question carries equal marks.

Write an essay on the following:

10 X 10 = 100

1. Discuss the influence of Oral functions on Dentofacial Development.
2. Discuss the genetic disorders involving 1st Pharyngeal Arch.
3. Discuss the role of abnormal and normal respiration on the development of the Cranio-Facial Complex.
4. Describe the development and anatomy of TMJ.
5. Discuss pattern, variability and timing of growth.
6. Discuss the anatomy of Mandible, its development and age changes.
7. Explain in detail the phenomenon of growth rotation of the Jaws. Discuss its relevance to treatment planning and Orthodontic mechanotherapy.
8. Discuss role of Vitamins and Hormones on the growth and development of Jaws.
9. Discuss in detail types, characteristics and pathways of Pain.
10. Discuss role of Mandibular growth in relation to Facial Profile.
