

M.D.S. DEGREE EXAMINATION

BRANCH V – ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS

**PAPER II – GROWTH AND DEVELOPMENT, BASICS IN
ORTHODONTICS, DIAGNOSIS AND RADIOLOGY**

Q.P. Code : 242418

Time : 3 Hours

Maximum : 100 Marks

(10 x 10 = 100)

1. Describe Servosystem theory of growth in relation to Dentofacial orthopaedics.
2. Explain the post natal growth of mandible.
3. What is Wetzel grid? Explain its purpose and mechanism.
4. Explain Logarithmic spiral? Also associate it with growth of mandible.
5. Enumerate about radiation hazards and recommendations in orthodontics.
6. Discuss digital radiographs in orthodontics and its importance. Briefly discuss the role of MRI and TMJ imaging.
7. Describe the role of oral habits in Etiology of malocclusion. Write about the role of muscle pressure in the dimensional changes in orofacial structures during growth and development.
8. Discuss about functional occlusion. Add a note on equilibration.
9. What is your understanding about mandibular protraction appliances?
10. What is Pitchfork analysis?
