

**FOURTH YEAR B.D.S. DEGREE EXAM****PAPER I – ORTHODONTICS AND  
DENTOFACIAL ORTHOPAEDICS***Q.P Code: 544161***Time: 180 Minutes****Maximum: 70 Marks****I. Elaborate on:****(2 x 10 = 20)**

1. What is an Ideal Orthodontic Force? Name the types of orthodontic forces. Name the theories of tooth movement. Write the histological changes in periodontium following application of different magnitudes of orthodontic forces.
2. An eight year old boy was diagnosed to be having a Skeletal Class II discrepancy with Angle's Dentoalveolar Cl II division 1 subdivision Malocclusion. Describe the extra oral clinical features, probable intra oral clinical features. Write the various skeletal combinations and cephalometric findings contributing to such a skeletal discrepancy. Write the treatment for each of such skeletal situation.

**II. Write Notes on:****(10 x 5 = 50)**

1. Infantile swallowing.
2. Reciprocal Anchorage.
3. Positioning of an orthodontic patient in dental chair for clinical examination of facial features and its Importance.
4. Systemic diseases that cause Malocclusion.
5. Mixed dentition analysis.
6. Correction of Anterior cross bite.
7. Reverse Pull Head Gear.
8. Any three local etiological factors for malocclusion.
9. Treatment principle for functional appliances.
10. Cephalocaudal growth gradient.

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