

**FOURTH YEAR B.D.S. DEGREE EXAM**  
(Common to Final Year Paper I - Modified Regulation III Candidates and  
Final Year Paper III - New Modified Regulation Candidates)

**PAPER III – ORTHODONTICS AND  
DENTOFACIAL ORTHOPAEDICS**

*Q.P Code: 544218*

**Time: 180 Minutes**

**Maximum: 70 Marks**

**I. Elaborate on:**

**(2 x 10 = 20)**

1. What are Myo- functional Appliances? Classify them. On what principles do Myo- functional Appliances work? Describe in details about indications, design and working principle of any one functional Appliance.
2. Define Orthodontic Anchorage, List the anatomical structures that are used a source of Anchorage. Describe with suitable clinical examples, any one extra oral anchorage and any two intra oral anchorage.

**II. Write Notes on:**

**(10 x 5 = 50)**

1. High attachment of upper Labial frenum.
2. Classify orthodontic springs and write about “Guided springs”.
3. Cleft lip and Palate.
4. Twin block Appliance.
5. Facial and cephalometric features of skeletal Class III discrepancy.
6. Tongue thrusting habit.
7. What is an Ideal orthodontic force? Write the effects of optimal and higher force levels.
8. Upper Hawley’s Appliance.
9. Skeletal and Dental Deep bites.
10. Intramembranous and Endochondral ossification.

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