

[LA 383]

APRIL 2012

Sub. Code: 2419

**M.D.S. DEGREE EXAMINATION  
BRANCH V – ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS  
PAPER III – BIO-MECHANICS, TISSUE CHANGES ORTHODONTIC  
TECHNIQUES AND TREATMENT PLANNING**

*Q.P. Code : 242419*

**Time : 3 hours  
(180 Min)**

**Maximum : 100 marks**

**Answer ALL questions in the same order.**

	<b>Pages (Max.)</b>	<b>Time (Max.)</b>	<b>Marks (Max.)</b>
1. Orthodontic management of patients with systemic disease.	7	18	10
2. Cephalometric diagnosis for functional appliance therapy.	7	18	10
3. Herbst appliance – discuss indications, timing and changes associated.	7	18	10
4. Differentiate the diagnosis and treatment planning strategies between camouflage and surgical treatment for skeletal problems.	7	18	10
5. Describe the role of head gears in orthodontics.	7	18	10
6. Diagnosis of transverse malocclusion and differentiate the orthopedic, orthodontic and surgical management of the same.	7	18	10
7. Tip edge mechanics.	7	18	10
8. Different theories of tooth movement.	7	18	10
9. Extraction versus non-extraction treatment.	7	18	10
10. Management of periodontally compromised patients.	7	18	10

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