

September 2009

[KV 384]

Sub. Code: 2420

**M.D.S. DEGREE EXAMINATION**

**Branch V – ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS**

**(Revised Regulations)**

**(For Candidates admitted from 2004 - 2005 onwards)**

**Paper IV – RECENT ADVANCES IN ORTHODONTICS**

***Q.P. Code : 242420***

**Time : Three hours**

**Maximum : 100 marks**

**Answer ALL questions**

**Draw suitable diagram wherever necessary**

**I. Essay questions :**

**(4 x 25 = 100)**

1. Outline the evolution and describe the contemporary designs and usage of temporary anchorage devices (orthodontic implants) for orthodontic tooth movement. Add a note on the possible iatrogenic sequelae of its use.
2. Outline the clinical features of skeletal open bite. Discuss its management with non-surgical, posterior intrusion techniques and methods in a growing child.
3. Outline the treatment protocol for a child with severe unilateral cleft of the lip and palate from birth to adulthood. Discuss the role of secondary alveolar bone grafts and its timing in the management of the problem.
4. What are the constituents and components of facial beauty and its perception? Discuss the current concepts of a balanced face. Add a note on the speculated mathematical basis of beauty.

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