

**QP CODE: 201230**

**Reg No:.....**

**MDS Part II Examinations, May 2014  
( Orthodontics and Dentofacial Orthopedics)**

**Paper I – Growth and Development, Occlusion, Genetics, Child & Adult Psychology  
and Applied Material Science**

**Time: 3 Hours**

**Total Marks: 100**

- Answer all Questions.
- Draw Diagrams wherever necessary.

**Essay**

**(2x20=40)**

1. Discuss critically the functional matrix theory with special reference to mandibular growth.
2. Discuss the psychological basis of orthodontic treatment in childhood and adulthood.

**Short Essays**

**(6x10=60)**

3. Normal Vs ideal occlusion
4. Role of homeobox genes in craniofacial growth
5. Counterpart principle and relocation concepts of enlow
6. Evolution of self ligating brackets
7. Development of TMJ
8. Glass ionomer cements

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