

**QP CODE: 201230**

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

**MDS Part II Supplementary Examinations, November 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 the role of hormones in the development of the jaws and the dentition. (20)
2. Discuss the stages of cognitive development of the child. (20)

**Short Essays**

**(6x10=60)**

3. Recent advances in orthodontic wires
4. Rotations of the jaws during growth
5. Root resorption
6. Methods of accelerating tooth movement
7. Maturational and age changes of the dento-facial complex
8. Growth and development of the tongue

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