

QP CODE: 201230

Reg No:.....

**MDS Part II Degree Examinations June 2018
(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.

Essays

(2x20=40)

1. Discuss the prenatal growth and development of the human face. Add a brief note on the developmental anomalies.
2. Discuss the growth rotation of the jaws. Elaborate upon the clinical implications citing appropriate references.

Short Essays

(6x10=60)

3. Shape memory alloys.
4. Classical conditioning.
5. Maturation of swallowing pattern.
6. Functional Matrix Theory
7. Nutritional influences on growth.
8. Twin studies
