

September 2009

[KV 382]

Sub. Code: 2418

M.D.S. DEGREE EXAMINATION

Branch V – ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS

(Revised Regulations)

(For Candidates admitted from 2004 - 2005 onwards)

**Paper II – GROWTH AND DEVELOPMENT,
BASICS IN ORTHODONTICS, DIAGNOSIS AND RADIOLOGY**

Q.P. Code : 242418

Time : Three hours

Maximum : 100 marks

Answer ALL questions

Draw suitable diagram wherever necessary

I. Essay questions : (2 x 20 = 40)

1. Enumerate and briefly outline the indicators and methods of assessing growth onset, peak height velocity and its cessation in clinical practice. Compare and contrast the utility of hand wrist x-rays vs cervical vertebrae maturation.
2. Describe the role of airway patency in normal facial growth. Enumerate and outline the common airway obstructive conditions seen in orthodontic practice and their effect on dentofacial morphology.

II. Write short notes on : (6 x 10 = 60)

1. Primary failure of eruption.
2. Morphometrics.
3. Ricketts four step analysis.
4. Balanced facial profile.
5. Orthognathic surgery during growth.
6. Maxillary transverse deficiency.
