

March 2010

[KW 381]

Sub. Code: 2417

M.D.S. DEGREE EXAMINATION

Branch V – ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS

(Revised Regulations)

(For Candidates admitted from 2004 - 2005 onwards)

Paper I – APPLIED BASIC SCIENCES

Q.P. Code : 242417

Time : Three hours

Maximum : 100 marks

Answer ALL questions

Draw suitable diagram wherever necessary

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

1. Discuss the current concepts of growth prediction in relation to orthodontics.
2. Discuss role of vitamins and hormones on the growth and development of Jaws and teeth.

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

1. Growth trends.
2. Mutations.
3. Development of speech.
4. Growth spurts.
5. Genetically controlled malocclusions.
6. Histological development of cleft-palate.
