

MARCH 2007

[KQ 399]

Sub. Code : 2417

M.D.S. DEGREE EXAMINATION.

(6 x 5 = 30)

(Revised Regulations)

Branch V - Orthodontics

(For candidates admitted from the Academic Year
2004 - 2005 onwards)

Paper I — APPLIED BASIC SCIENCES

Time : Three hours Maximum : 100 marks

**Theory : Two hours and
forty minutes Theory : 80 marks**

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay :

- 1. Write an essay on Muscles of mastication and their role in malocclusion. (20)**
- 2. Discuss the prenatal growth of maxilla and its aberrations. (15)**
- 3. Role of puberty in orthodontics. (15)**

II. Short notes :

- (a) Antisialogogues**
- (b) Streptococcus Mutans**
- (c) Chemical Sterilization**
- (d) Calcium Metabolism**
- (e) Neural Crest Cells**
- (f) Chemical Messengers.**

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