

**March 2010**

**[KW 369]**

**Sub. Code: 2413**

**M.D.S. DEGREE EXAMINATION**

**Branch IV – CONSERVATIVE DENTISTRY AND ENDODONTICS**

**(Revised Regulations)**

**(For Candidates admitted from 2004 - 2005 onwards)**

**Paper I – APPLIED BASIC SCIENCES**

***Q.P. Code : 242413***

**Time : Three hours**

**Maximum : 100 marks**

**Answer ALL questions**

**Draw suitable diagram wherever necessary**

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

1. Discuss development, anatomy, morphology, blood and nerves supply of tongue.
2. Discuss the types, properties, pathways and mechanism of pain.

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

1. Muscles of mastication.
2. Describe composition and function of saliva.
3. Role of fluorides in prevention of caries.
4. Methods of sterilization of endodontic instruments.
5. Calcium metabolism.
6. Antibiotics in endodontics.

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