

**Q.P.Code:191250**

**Reg. No.:.....**

**M.D.S. Part I Degree Examinations, June 2013**

**(2012 Scheme)**

**Paper I – Applied General Anatomy of the Head and Neck, Oral and Dental  
Anatomy and Histology**

**Time : 3 hrs**

**Max marks : 100**

- Answer **all** questions.
- Illustrate your answers with relevant neatly labeled diagrams / tables / graphs wherever necessary.

**Essay:**

**(2x20=40)**

1. Describe the muscles of the tongue including its blood supply, lymph drainage and nerve supply  
(5+5+5+5=20)
2. Define and explain the theories of eruption. Mention the eruption time period for all the permanent teeth  
(5+10+5=20)

**Short essay:**

**(6x10=60)**

3. Theories on the evolutionary origin of teeth
4. Hertwig's epithelial root sheath and root formation
5. Development of palate and its anomalies
6. Describe the applied anatomy of the temporomandibular joint
7. Spillway space and compensatory curves
8. Modes of inheritance

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