

**Q.P.Code:191250**

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

**M.D.S. Part I Degree Examinations, June 2016**

**Paper I – Applied General Anatomy of the Head and Neck, Oral and Dental  
Anatomy and Histology  
(2012 - New Scheme)**

**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 temporo-mandibular joint under the following headings.

- Articular surfaces
- Ligaments
- Relations
- Movements and muscles producing them
- Blood supply and nerve supply
- Applied importance and age changes

**(2+2+4+5+3+4=20)**

2. Describe sequence of eruption of teeth in detail with local and systemic factors affecting eruption

**(10+5+5=20)**

**Short essay:**

**(6x10=60)**

3. Microscopic structure of bone
4. Periodontal ligament
5. Pharyngeal pouches
6. Para nasal air sinuses
7. Anatomy of dentine with clinical considerations and age changes
8. Chromosomal aberrations

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