

Q.P.Code:191250

Reg. No.:.....

M.D.S. Part I Degree Examinations, June 2014

(2012 - New 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. Name the muscles of pharynx. Mention the attachment and nerve supply of the constrictor muscles $(10+5+5=20)$
2. Discuss in detail about the chronology and morphology of permanent mandibular right first molar. Add a note on the difference between deciduous and permanent teeth $(5+10+5=20)$

Short essay:

(6x10=60)

3. Histology of osteoclasts
4. Types of dentin
5. Derivatives of branchial arches in detail with diagrams
6. Special visceral afferent component contained within the facial nerve
7. Mechanism of shedding of tooth
8. Define multiple allele systems and cite an example
