

Q.P.Code:191250

Reg. No.:.....

M.D.S. Part I Supplementary Degree Examinations, January 2014

(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. Mention the endocrine gland that regulates basal metabolic rate and stimulates somatic and psychic growth. Discuss its development, structure, relations, blood supply, nerve supply of the gland $(2+2+4+4+4+4=20)$
2. Describe the temporomandibular joint, its relations, movements, age changes and disorders of the TMJ $(4+6+5+5=20)$

Short essay:

(6x10=60)

3. Derivatives of second branchial arch
4. Microscopic structure of gingiva
5. Pterygopalatine ganglion – situation, roots and branches
6. Development of the palate
7. Age changes of the pulp
8. Characteristics of autosomal dominant disorders
