



**QP Code: 101002**

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

**First Year BDS Supplementary Degree Examinations - February 2013**

**General Human Anatomy including Embryology and Histology**

**Time: 3 Hours**

**Max Marks: 100**

- Answer all questions
- Draw diagrams wherever necessary

**Essays**

**(2x14=28)**

1. Describe tongue in detail under the following headings:
  - external features
  - muscles, its attachments and actions
  - nerve supply
  - development

(2+8+2+2=14)
2. Describe facial nerve under the following headings:
  - functional components
  - extra cranial course.
  - branches and distribution
  - applied anatomy

(2+4+5+3=14)

**Short essays**

**(4x8=32)**

3. Describe parotid gland in detail:
  - external features and relations
  - structures within it
  - secretomotor pathway

(4+2+2=8)
4. Describe the lateral wall of nose under the following headings:
  - formation
  - meatus and openings
  - blood supply
  - nerve supply

(2+3+1½+1½=8)
5. Describe the muscles of pharynx in detail
6. Describe muscles of mastication:
  - origin
  - insertion
  - nerve supply
  - action

(2+2+2+2=8)

**Short notes**

**(10x4=40)**

7. Styloid apparatus
8. Pterygo palatine ganglion
9. Microscopic structure of hyaline cartilage
10. Notochord
11. Sternocleidomastoid
12. Palatine tonsil
13. Down syndrome
14. Corpus callosum
15. External jugular vein
16. Derivatives of first pharyngeal arch

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