



QP Code: 101002

Reg.No.: .....

First Year BDS Degree Examinations - August 2012

**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 the mandibular nerve under following headings :
  - nuclei of origin
  - functional components
  - branches
  - distribution
  - applied anatomy(2+3+3+5+1=14)
2. Describe the middle ear under the following headings :
  - boundaries
  - communications
  - contents
  - applied anatomy(6+2+4+2=14)

**Short essays**

(4x8=32)

3. Name the anterior triangles of neck, mentioning their boundaries and contents (2+6=8)
4. Describe the nasal septum under following headings:
  - formation
  - blood vessels
  - nerve supply
  - applied anatomy(2+2+2+2=8)
5. Name all the extrinsic muscles of the eyeball. Mention their actions. (3+5=8)
6. Describe the derivatives of pharyngeal pouches (8)

**Short notes**

(10x4=40)

7. Superior orbital fissure
8. Muscles of soft palate
9. Microscopic structure of pituitary gland
10. Mylohyoid muscle
11. Vocal cords
12. Superior constrictor muscles of pharynx
13. Trigeminal ganglion
14. Cerebellar peduncles
15. Lingual artery
16. Secondary cartilaginous joint

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