

QP Code: 101002

Reg.No.: .....

First Year BDS Degree Supplementary Examinations - February 2016

**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 parotid gland under the following headings:
  - surfaces and borders
  - relations
  - structures passing through
  - blood supply and nerve supply
  - applied anatomy(2+5+3+2+2=14)
2. Classify dural venous sinuses and explain cavernous sinus under following headings:
  - position
  - relations
  - venous drainage
  - communications
  - applied aspects(3+5+2+2+2=14)

**Short essays****(4x8=32)**

3. Describe the origin, course, relations and branches of maxillary artery (1+2+2+3=8)
4. Boundaries and contents of middle ear (6+2=8)
5. Extra ocular muscles: origin, insertion, nerve supply and action (2+2+2+2=8)
6. Boundaries and contents of infra temporal fossa (4+4=8)

**Short notes****(10x4=40)**

7. Mesodermal derivatives of second pharyngeal pouch
8. Histology of hyaline cartilage with labeled diagram
9. Auditory tube – parts and relations
10. Relations of hyoglossus muscle
11. Formation of circle of Willis
12. Features of down syndrome
13. Styloid apparatus
14. Sulci and gyri of inferior surface of cerebrum
15. Labeled diagram of compact bone
16. Lateral ventricle of brain

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