



QP Code: 101002

Reg.No.: .....

**First Year BDS Degree Supplementary Examinations January 2019****General Human Anatomy including Embryology and Histology****(2010 Scheme)****Time: 3 Hours****Max Marks: 100**

- Answer all questions
- Draw diagrams wherever necessary

**Essays****(2x14=28)**

1. Describe the thyroid gland under the following headings: • position and extend  
• . relations • blood supply • development • applied anatomy (2+6+2+2+2)
2. Describe mandibular nerve in detail under the following headings: • origin • course  
• relations • distribution • applied anatomy. (1+4+3+5+1)

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

3. Describe the extra ocular muscles under the following headings:  
• attachments • actions • nerve supply (4+2+2)
4. Describe spermatogenesis in detail and add a note on spermiogenesis (5+3)
5. Describe cavernous sinus in detail under the following headings:  
• relations • tributaries • communications (4+2+2)
6. Describe the muscles of pharynx in detail

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

7. Pterygo-palatine ganglion
8. Microscopic structure of spleen
9. Corpus callosum
10. Karyotyping
11. Facial artery
12. Tympanic membrane
13. Ramus of mandible
14. Investing layer of deep cervical fascia
15. Tentorium cerebelli
16. Boundaries and contents of digastric triangle.

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