

QP Code: 101002

Reg.No.: .....

**First Year BDS Degree Supplementary Examinations August 2017**

**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 in detail under the following headings :
  - Location and dimensions
  - Parts and relations
  - Blood supply
  - Microscopic structure
  - Applied anatomy(2+4+2+4+2=14)
2. Describe the lateral wall of nose in detail under the following headings:
  - Formation
  - Features
  - Blood supply
  - Nerve supply
  - Applied anatomy(4+5+2+2+1=14)

**Short essays**

**(4x8=32)**

3. Describe the scalp under the following:
  - Layers and its features
  - Nerve supply
  - Blood supply(4+2+2=8)
4. Describe the maxillary artery under the following :
  - Parts and its relations
  - Branches and distribution
  - Applied anatomy(3+4+1=8)
5. Describe the pharynx under the following headings:
  - Different parts and boundaries of each
  - Features of each part
  - Applied anatomy(4+3+1=8)
6. Describe the extra cranial course of the facial nerve including:
  - Relations
  - Branches and distribution
  - Clinical importance.(3+4+1=8)

**Short notes**

**(10x4=40)**

7. Nasal septum
8. Microscopic structure of thin skin
9. Spermiogenesis
10. Digastric triangle
11. External features of midbrain
12. Turner's syndrome
13. Superior orbital fissure
14. Development of palate
15. Muscles of mastication
16. Secretomotor nerve supply of parotid gland

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