

QP Code: 101002

Reg. No.: .....

**First Year BDS Degree Supplementary Examinations July 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. Classify the dural venous sinuses. Describe in detail the cavernous sinus in the following headings: • Situation • Structures related • Applied anatomy • Tributaries (4+2+4+1+3)
2. Describe the scalp under the following headings:
  - Extent • layers • blood supply • nerve supply • applied anatomy (2+2+4+4+2)

**Short essays**

**(4x8=32)**

3. Describe the extra ocular muscles under the following headings
  - Name the muscles • Origin and insertion • Nerve supply (2+5+1)
4. Describe the temporo-mandibular joint under the following headings:
  - Articular parts • Muscles acting on the joint mentioning its actions
  - Applied anatomy (2+5+1)
5. Describe the mandibular nerve under the following headings:
  - Course and relations • Branches and distribution • Applied aspect (3+4+1)
6. Implantation:-
  - Definition • mechanism • abnormal sites (2+3+3)

**Short notes**

**(10x4=40)**

7. Septum of nose
8. Nerve supply of tongue
9. Sub occipital triangle
10. Hyoid bone
11. Dangerous area of face
12. Histology of thymus
13. Name any four nerves related to the posterior border of sternocleidomastoid muscle
14. Superior orbital fissure
15. Cartilages of larynx
16. Development of upper lip

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