



**QP Code: 111002**

**Reg. No.: .....**

**First Year BDS Degree Examinations August 2017**

**General Human Anatomy including Embryology and Histology**

**(2016 SCHEME)**

**Time: 3 Hours**

**Max Marks: 70**

- Answer all questions
- Draw diagrams wherever necessary

**Essay:**

**(2x10=20)**

1. Describe the temporo-mandibular joint in detail under the following headings:  
• Type • Articular surfaces • Ligaments • Movements • Applied anatomy (1+1+3+3+2)
2. Describe the facial nerve in detail under the following headings:  
• Relations • Course • Branches • Applied Anatomy  
(2+3+3+2)

**Short Notes:**

**(4x5=20)**

3. Enumerate the foramina of the middle cranial fossa. Mention the structures passing through each foramen.
4. Describe the sulci and gyri of supero-lateral surface of cerebrum. Mention the major functional areas of the supero-lateral surface.
5. Enumerate the muscles of mastication, its attachments, nerve supply and actions
6. Describe the maxillary artery under the following headings:
  - Origin
  - Name the muscle that divides it into three parts
  - Enumerate the branches from its first part

**Brief Notes:**

**(10x3=30)**

7. Circle of Willis
8. Sternocleidomastoid
9. Down's syndrome
10. Microscopic structure of tongue
11. Lingual nerve
12. Vocal cord
13. Auditory tube
14. Dangerous area of face
15. External jugular vein
16. First pharyngeal arch derivatives

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