

QP Code: 101002

Reg.No.: .....

**First Year BDS Degree Supplementary Examinations July 2018**

**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. Explain temporo-mandibular joint under the following headings:
  - bones articulating
  - movements and muscles causing them
  - blood supply
  - nerve supply
  - applied aspects

(1+4+4+3+2)
2. Explain tongue under the following headings:
  - gross features of dorsal and ventral surfaces
  - muscles – attachments and movements produced
  - nerve supply in correlation with development
  - applied anatomy

(3+6+3+2)

**Short essays**

**(4x8=32)**

3. Microscopic structure of thick and thin skin with diagram (4+4)
4. Lymphatic drainage of head and neck with applied aspects (6+2)
5. Lateral wall of nasal cavity: bones and cartilages forming, blood supply and nerve supply (4+2+2)
6. Muscles of larynx - attachments, actions and nerve supply (3+3+2)

**Short notes**

**(10x4=40)**

7. Branches of facial nerve on face
8. Transitional epithelium
9. Axis vertebra
10. Muscles of soft palate with nerve supply
11. Contents of digastric triangle
12. Features of Klinefelter's syndrome
13. Submandibular ganglion
14. External features of medulla oblongata
15. Chorionic villi
16. Blood supply of scalp

\*\*\*\*\*