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**Q.P.CODE: 1102** **Reg.No……..**

## First BDS Degree Supplementary Examinations, Feb - 2012

## General Human Anatomy including Embryology and Histology

**Time: 3 hours** **Max.Marks:100**

- Answer all questions
- Draw diagrams wherever necessary

**Essays** **(2x10=20)**

1. Describe the extra ocular muscles under the following headings:
   - Attachments
   - nerve supply
   - actions
   - applied anatomy (4+1+3+2= 10)
2. Describe the mandibular nerve under the following headings:
   - Nuclei of orgin
   - Course
   - Branches and distribution
   - Applied anatomy (1+2+6+1= 10)

**Short notes** **(10x5=50)**

3. Hyoid bone
4. Spermatogenesis
5. Development of palate and anomalies
6. Microscopic structure of trachea
7. Microscopic structure of spinal ganglia
8. Blood supply and nerve supply of nasal septum
9. Inlet of larynx
10. Nerve supply of tongue
11. Auditory tube
12. Digastric muscle

**Answer briefly** **(10x3=30)**

13. Periosteum
14. Structure of chromosome
15. Functional areas on the superolateral surface of cerebrum
16. Circle of willis
17. Submandibular ganglion
18. Lateral pterygoid muscle
19. Facial artery in the face
20. Down's syndrome
21. Inferior constrictor of pharynx
22. Lacrimal gland

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