

[LB 652]

AUGUST 2012

Sub. Code: 4131

**FIRST YEAR B.D.S. DEGREE EXAM**

**PAPER – I HUMAN ANATOMY, HISTOLOGY AND EMBRYOLOGY**

*Q.P.Code: 544131*

**Time : 180 Minutes**

**Maximum : 100 marks**

**Answer ALL questions in the same order.**

**I. Elaborate on:**

**Pages Time Marks  
(Max.)(Max.)(Max.)**

- |  |    |    |    |
|--|----|----|----|
| 1. Describe the situation, subdivisions, relations, blood supply, histology, applied anatomy and development of thyroid gland. | 19 | 30 | 20 |
| 2. Describe the commencement, course, relations, branches, distribution and applied anatomy of mandibular nerve.               | 19 | 30 | 20 |

**II. Write notes on:**

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|----------------------------------|---|----|---|
| 1. Anterior facial vein.         | 3 | 10 | 5 |
| 2. Hyoglossus muscle.            | 3 | 10 | 5 |
| 3. Spinal accessory nerve.       | 3 | 10 | 5 |
| 4. Sphenopalatine ganglion.      | 3 | 10 | 5 |
| 5. Vocal cords.                  | 3 | 10 | 5 |
| 6. Histology of palatine tonsil. | 3 | 10 | 5 |
| 7. Ophthalmic artery.            | 3 | 10 | 5 |
| 8. Lateral wall of nasal cavity. | 3 | 10 | 5 |
| 9. Internal capsule.             | 3 | 10 | 5 |
| 10. Subarachnoid cisterns.       | 3 | 10 | 5 |
| 11. Nerves of scalp.             | 3 | 10 | 5 |
| 12. Fertilization.               | 3 | 10 | 5 |

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