

February 2011

[KY 652]

Sub. Code : 4131

**FIRST B.D.S. DEGREE EXAMINATION.****(Modified Regulations — III)****Paper I — HUMAN ANATOMY, HISTOLOGY AND EMBRYOLOGY***Q.P. Code : 544131*

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

**I. Essays :****(2 x 20 = 40)**

1. Describe in detail the lateral wall of the nasal cavity under the following headings:  
Formation, mucous lining, features, blood supply, nerve supply, lymphatic drainage and applied anatomy.
2. Give an account of the nuclei of origin, emergence, course, relations, branches of distribution and applied anatomy of mandibular nerve.

**II. Write short notes on :****(10 x 6 = 60)**

1. Boundaries and content of carotid triangle.
  2. Hyoid arch.
  3. Microscopic anatomy of the palatine tonsil.
  4. Digastric muscle.
  5. Chorda Tympani nerve.
  6. Corpus callosum.
  7. Otic ganglion.
  8. Oblique muscles of the eye ball.
  9. Development of the palate.
  10. Cricoid cartilage.
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