

**I – B.D.S. (2008 COURSE) : SUMMER - 2019**  
**SUBJECT : GENERAL HUMAN ANATOMY INCLUDING EMBRYOLOGY**  
**AND HISTOLOGY**

Day : Tuesday  
Date : 04/06/2019

**S-2019-4039**

Time : 09.00 AM TO 12.00 NOO  
Max. Marks : 70

**N. B. :**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat labelled diagrams **WHEREVER** necessary.
- 4) Answers to both the sections should be written in **SEPARATE** answer books.

**SECTION – I**

**Q. 1** Describe the gross anatomy of the tongue under the following headings: parts of the tongue, types of papillae on the surface of the tongue, muscles, nerve and blood supply of the tongue, lymphatic drainage and applied anatomy. **(10)**

**OR**

**Q. 1** Describe the lateral wall of the nose under the following headings: bones and cartilages forming the lateral wall of nose, lining epithelium, conchae, meatuses, openings, blood and nerve supply, applied anatomy. **(10)**

**Q. 2** Write essay questions (**ANY THREE**) **(15)**

- a) Sutures
- b) Muscles of mastication
- c) Blood supply of heart
- d) Classification of muscles

**Q. 3** Short answer questions (**ANY FIVE**) **(10)**

- a) Name nerves supplying scalp anterior to the auricle
- b) Name structures passing into the pharynx above the level of the superior constrictor of pharynx
- c) Name the cartilages of the larynx
- d) Give the nerve supply of parotid gland
- e) Name the structures present in the hilum of the right lung
- f) Give posterior relations of the right kidney

**SECTION – II**

**Q. 4** Describe the trigeminal nerve under the following headings: origin with functional components, intra cranial and extra cranial course, branches and distribution and applied anatomy. **(10)**

**OR**

**Q. 4** Classify the intra cranial venous sinuses. Describe the cavernous venous sinus, its formation, communications and tributaries, contents, relations and applied anatomy. **(10)**

**Q. 5** Write essay questions (**ANY THREE**) **(15)**

- a) Corpus callosum
- b) Draw and explain the microscopic picture of elastic artery
- c) Explain the embryogenesis of the palate and its developmental anomalies
- d) Barr body

**Q. 6** Short answer questions (**ANY FIVE**) **(10)**

- a) Name sites for ectopic implantation
- b) Draw the microscopic picture of ovary
- c) Name any 4 features of Turner's syndrome
- d) Name functions of the placenta
- e) Name muscles forming floor of the posterior triangle
- f) Name the infra hyoid strap muscles. Give their nerve supply

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