

I – B.D.S. (2008 COURSE) : SUMMER - 2018

SUBJECT: GENERAL HUMAN ANATOMY INCLUDING EMBRYOLOGY AND HISTOLOGY

Day : Monday  
Date : 04/06/2018

S-2018-3582

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

**N.B.:**

- 1) All questions are **COMPULSORY**.
- 2) Both the sections should be written in **SEPARATE** answer books.
- 3) Figures to the **RIGHT** indicate full marks.
- 4) Draw neat labeled diagrams **WHEREVER** necessary.

**SECTION-I**

**Q.1** Describe the thyroid gland under the following headings: parts, coverings, relations, blood supply and applied anatomy. (10)

**OR**

Write a note on blood supply of face. Add a note on its applied anatomy. (10)

**Q.2** Short Essay Questions (Any Three) (15)

- a) Lateral wall of the nose.
- b) Carotid sheath.
- c) Sutures.
- d) Functional areas of the brain.

**Q.3** Write short answer (Any Five) (10)

- a) Give differences between the right and left lungs.
- b) Give nerve supply and action of genioglossus muscle.
- c) Name the muscles supplied by the oculomotor nerve.
- d) Name types of neuroglial cells. Give their functions.
- e) Name types of epiphysis; give examples.
- f) Give anterior relations of the right kidney.

**SECTION-II**

**Q.4** Enumerate and classify the cranial venous sinuses. Add a note on the cavernous venous sinus including its formation, relations, contents and applied anatomy. (10)

**OR**

Write a note on the origin, course, branches and applied anatomy of the seventh cranial nerve. (10)

**Q.5** Short Essay Questions (Any Three) (15)

- a) Barr body.
- b) Microscopic picture of the liver.
- c) Development of notochord.
- d) Intrinsic muscles of the larynx acting on the true vocal folds. Give their nerve supply and action.

**Q.6** Write short answer (Any Five) (10)

- a) Sensory supply of tongue.
- b) Name any 4 defects in development of face.
- c) Draw the microscopic picture of the ovaries.
- d) Name any 4 features of Trisomy 21.
- e) Define ectopic implantation. Name any two sites for ectopic implantation.
- f) Name the muscles of the soft palate. Give their nerve supply.

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