

[LG 118]

APRIL 2015

Sub. Code: 2091

M.D. DEGREE EXAMINATION

BRANCH XXIII – ANATOMY

PAPER III – HISTOLOGY, NEURO ANATOMY AND MUSEUM TECHNIQUES

Q.P. Code : 202091

Time : Three Hours

Maximum : 100 Marks

I. Essay:

(2 x 10 = 20)

1. Describe the Histology of Stomach.
2. Discuss the lateral ventricles of the brain.

II. Write short notes on:

(8 x 5 = 40)

1. Impregnation.
2. Histology of thyroid gland.
3. Tectum of Midbrain.
4. Spleen-structure.
5. Structure of muscular artery.
6. Structure of Uterus.
7. Microtomes.
8. Histology of thin skin.

III. Reasoning Out:

(4 x 5 = 20)

State whether each of the following is TRUE or FALSE and reason out.

1. Height (Length) of the cell, indicates it's activity.
2. Choroid plexus secretes cerebro spinal fluid.
3. Paraffin wax is used for embedding.
4. Xylene is used for clearing.

IV. Very Short Answers:

(10 x 2 = 20)

1. Purkinje cells.
2. Leydig cells.
3. Podocytes.
4. Astrocytes.
5. Satellite cells.
6. Cell Nests.
7. Intercalated Disc.
8. Hepatocyte.
9. Goblet cell.
10. Pseudo stratified Epithelium.
