

[LI 118]

APRIL 2016

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 Excretory system.
2. Discuss the blood supply of Cerebrum.

**II. Write short notes on:**

**(8 x 5 = 40)**

1. Microscopic Structure of Retina.
2. Microscopic Structure of Elastic Artery.
3. Microscopic Structure of Prostate Gland.
4. Microscopic Structure of Uterine Tube.
5. Edinger Westaphal Nucleus.
6. Insula.
7. PAS – Stain.
8. Plastination.

**III. Reasoning Out:**

**(4 x 5 = 20)**

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

1. M Cells are Cuboidal in Nature.
2. Paraffin wax is water soluble.
3. Small Swelling called Gliosomes present in the process of Astrocytes.
4. Oligo dendrocyte provides Myelin Sheath to nerve fibre.

**IV. Very Short Answers:**

**(10 x 2 = 20)**

1. Myoepithelial cells.
2. Basket cells.
3. Microvilli.
4. Crypts of Leiberkhun.
5. Germinal Centre.
6. Chondrocytes.
7. Transitional Epithelium.
8. Cells of Clara.
9. Osteoblast.
10. Tancytes.

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