

[LI 6173]

FEBRUARY 2016

Sub. Code : 6173

FIRST YEAR BOT EXAMINATION
(New Regulations for the candidates admitted from 2014-2015 onwards)
PAPER III – PHYSIOLOGY

Q.P. Code: 786173

Time: Three hours**Maximum: 100 Marks****I. Elaborate on:****(2 x 20 = 40)**

1. Define Blood pressure. Write in detail short term and long term regulation of Blood pressure. Add a note on Hypertension.
2. Explain the Physiological anatomy of Cerebellum and give details about the Cerebellar function test.

II. Write notes on:**(8 x 5 = 40)**

1. Lung volumes and capacities.
2. Regulation of Cardiac output and its estimation.
3. Synapse.
4. Parturition.
5. Nervous regulation of respiration.
6. Active transport.
7. Menstrual cycle.
8. Taste pathway.

III. Short answers on:**(10 x 2 = 20)**

1. Composition of gastric juice.
2. Immunoglobulins.
3. Grave's disease.
4. Testosterone.
5. Sarcomere.
6. Neuroendocrine reflex.
7. Cholecystokinin –Pancreozymin.
8. What is Micturition?
9. Smooth muscle.
10. Organ of Corti.
