

[LP 6173]

AUGUST 2019

Sub.Code : 6173

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

Q.P. Code: 786173

Time: Three hours**Maximum: 100 Marks**

I. Elaborate on: **(2 x 20 = 40)**

1. Define erythropoiesis. List the different stages of erythropoiesis. Describe the changes which take place in each stage and the factors necessary for erythropoiesis.
2. Discuss the origin, course and functions of Pyramidal tract with applied physiology.

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

1. Iron deficiency anaemia.
2. Functions of cerebellum.
3. Test for ovulation.
4. Movements of small intestine.
5. Color vision.
6. Acidification of urine.
7. Lung volumes and capacity.
8. Regulation of Cardiac output and its estimation.

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

1. Reflex arc.
2. Homeostasis and its components.
3. Shock and its types.
4. Milk ejection reflex.
5. Rh incompatibility.
6. Immunoglobulins.
7. Organ of corti.
8. Deglutition apnea.
9. Phagocytosis.
10. Properties of RBC.
