

[LF 1505]

AUGUST 2014

Sub.Code :1505

FIRST B.N.Y.S. DEGREE EXAMINATION

PAPER III – HUMAN PHYSIOLOGY - I

Q.P. Code : 821505

Time: Three hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 X 15 = 30)

1. Define Respiration. Explain in detail about the mechanism of regulation of respiration.
2. Describe the mechanism of concentration of Urine.

II. Short Notes:

(10 X 5 = 50)

1. Heart Sounds.
2. Gastric Emptying.
3. Coagulation of blood.
4. Renin – Angiotensin mechanism.
5. Tight Junction.
6. Cholecystokinin.
7. Factors affecting GFR.
8. Anemia & its types.
9. ECG.
10. Defecation.

III. Short Answers:

(10 X 2 = 20)

1. Apocrine Gland.
2. Hemorrhage.
3. Landstainer's Law.
4. Homeostasis.
5. VO₂ max.
6. Thromboxane A₂.
7. Prophyrin.
8. Surfactant.
9. Marey Reflex.
10. Phagocytosis.
