

[LO 1506]

MAY 2019

Sub. Code: 1506

FIRST B.N.Y.S. DEGREE EXAMINATION

PART – II

PAPER IV – HUMAN PHYSIOLOGY - II

Q.P. Code : 821506

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 15 = 30)

1. Enlist the hormones secreted by the thyroid gland. Explain the functions and regulations of its hormones.
2. Explain in detail about Spermatogenesis stages. Add a note on semen and its composition.

II. Write Notes on:

(10 x 5 = 50)

1. Female sex hormones and its regulation.
2. Pyramidal tract and its lesion.
3. Olfactory pathway.
4. Write a note on pain, classification of pain and its clinical importance.
5. Renin Angiotensin Mechanism.
6. Endocrine function of Pancreas.
7. Function and lesion of Basal Ganglion.
8. Properties of skeletal Muscle.
9. Body temperature and its regulation.
10. Neuroglial cells.

III. Short Answers on:

(10 x 2 = 20)

1. Gonads.
2. Function of Prostaglandin.
3. Hypothalamus- hypophyseal system.
4. Action Potential.
5. Saltatory conduction.
6. Power stroke.
7. Function of Thalamus.
8. Synapse.
9. Stereognosis.
10. Types of muscle contraction.
