

FIRST B.N.Y.S. DEGREE EXAMINATION

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. Name the hypothalamic nuclei, explain the functions and lesions of hypothalamus?
2. Explain the mechanism of hearing?

II. Write Notes on:

(10 x 5 = 50)

1. Physiology of reproduction.
2. Mode and action of protein hormone.
3. Stages in synthesis of thyroid hormone.
4. Ovarian changes during menstrual cycle.
5. Composition of Semen.
6. Tabes dorsalis.
7. Functions of vestibular apparatus.
8. Motor areas of cerebral cortex.
9. Mechanism of hormones.
10. Myasthenia gravis.

III. Short Answers on:

(10 x 2 = 20)

1. Optic chiasma.
2. Chorean.
3. Isotonic contraction.
4. Coupling reaction of thyroid gland.
5. Functions of seminiferous tubules.
6. Cataract.
7. Petit mal epilepsy.
8. Define neuroglia.
9. Secretion of adrenal medulla.
10. End plate potential.