

[LJ 1506]

OCTOBER 2016

Sub.Code :1506

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. Explain in detail about the Hormones and functions of Adrenal Cortex.
2. Describe in detail about the changes during muscular contractions and write a note on Starling's law and its applications.

II. Write Notes on:

(10 x 5 = 50)

1. Note on Sacromere.
2. Process of ovulation and Hormones involved in it.
3. Mechanism of Steroidal Hormonal action.
4. Functions of Adrenal Medulla.
5. Physiology of Pain.
6. Functions of thalamus.
7. Note on abnormal secretions of Thyroid Hormone with its normal value.
8. Taste pathway.
9. Syringomyelia.
10. Properties of Skeletal Muscles.

III. Short Answers on:

(10 x 2 = 20)

1. Functions of Pineal gland.
2. What is goiter?
3. Define action potential.
4. What is sarcotubular system?
5. Define menopause.
6. Hormones involved in lactation.
7. What is electroencephalography?
8. What is dichromatism?
9. What is audiometry?
10. What is Accommodation?
