

[LC 1506]

SUB. CODE : 1506

FIRST YEAR B.N.Y.S DEGREE EXAM - FEBRUARY 2013

PAPER – IV : HUMAN PHYSIOLOGY – II

Q. P. CODE: 821506

Time: 3 hours:

Maximum: 100 Marks

ANSWER ALL QUESTIONS

**I.Essay Questions:**

**(2x15=30)**

1. Describe Pyramidal tracts. Write about upper and lower motor lesions
2. Classify Hormones. Explain the regulation of hormone secretion and mechanism.

**II.Short Notes:**

**(10x5=50)**

1. Explain physiology of lactation
2. Explain the formation, composition and functions of CSF
3. Explain the role of vestibular apparatus in maintenance of equilibrium
4. Explain light reflex, its types and pathways
5. Define synapse. Explain its types and functions
6. Explain the functions of limbic system
7. Define visual acuity and write the tests for it
8. Explain the mechanism of hearing
9. Write the functions of ovary and ovarian hormone
10. Define accommodation and write the mechanism of accommodation.

**III.Short Answers:**

**(10x2=20)**

1. Explain Lumbar puncture
2. Explain Starling's law
3. Explain tract of Goll and Burdach
4. Explain reflex arc
5. Write the types of neurotransmitters
6. Name the different stages of spermatogenesis
7. Explain stretch reflex
8. Explain Nystagmus
9. Explain Phototransduction
10. Explain Hering's theory of opposite colours

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