

FIRST B.H.M.S. DEGREE EXAMINATION

PAPER VI – PHYSIOLOGY - II

Q.P. Code : 581233

Time: Three Hours

Maximum : 100 Marks

Answer All questions

Draw diagram wherever necessary

I. Essay Questions:

(2 x 15 = 30)

1. Write the hormones secreted by the pituitary gland. Explain in detail about functions and disorders of growth hormone.
2. Enumerate the Ascending tracts of Spinal cord. Explain in detail about the course, termination, and functions of Spinothalamic tract.

II. Write Notes on:

(10 x 5 = 50)

1. Myoneural junction.
2. Metabolism of protein.
3. Deglutition reflex.
4. Phases of menstrual cycle.
5. Functions of thalamus.
6. Autonomic nervous system.
7. Iron – Biochemical functions and deficiency.
8. Functions of cerebrospinal fluid.
9. Functions of thyroid hormones.
10. Short note on Vitamin A.

III. Short Answers on:

(10 x 2 = 20)

1. Types of sleep.
2. Normal sperm count.
3. Contractile proteins.
4. Tactile receptors.
5. Law of one way conduction.
6. Sham feeding.
7. Glycogen storage.
8. Broca's area.
9. Bile salts.
10. Motion sickness.