

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. Define and classify reflex action. Explain reflex arc and properties of reflexes. Add a note on abnormal reflexes.
2. Explain the composition, functions, and regulations of gastric enzymes. Brief about experimental analysis of Gastric juice

II. Write Notes on: (10 x 5 = 50)

1. Functions of insulin.
2. Glycogenolysis.
3. Functions of basal ganglia.
4. Parathyroid with its hormones.
5. Higher intellectual functions of brain.
6. Growth hormone.
7. Functions of saliva.
8. Classification of receptors.
9. Hormones of adrenal cortex.
10. Liver function test.

III. Short Answers on: (10 x 2 = 20)

1. Sertoli cells.
2. Papez circuit.
3. Prostaglandin varieties.
4. Signs of scurvy.
5. Features of cretinism.
6. Succus entericus.
7. What is hydrocephalus?
8. Symptoms of Pellagra.
9. Functions of oxytocin.
10. Types of neuroglia.