

[LG 6253]

FEBRUARY 2015

Sub. Code : 6253

**FIRST YEAR BPT EXAMINATION
PAPER III – PHYSIOLOGY AND APPLIED PHYSIOLOGY**

Q.P. Code: 746253

Time: Three hours**Maximum : 100 marks****I. Elaborate on:****(2 x 20 = 40)**

1. Name the hormones of Anterior Pituitary and Posterior Pituitary gland. Write about their actions in detail.
2. Describe in detail the three steps in formation of urine. Add a note on micturition.

II. Write notes on:**(8 x 5 = 40)**

1. Hypoxia
2. Blood groups
3. Neuromuscular junction
4. Cerebrospinal fluid
5. Functions of liver
6. Diagram of cell structure and its organelles with their functions
7. Diabetes mellitus
8. Electrocardiogram

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

1. Sarcomere
2. Placental hormones
3. Types of immunity
4. Platelets
5. Structure of sperm
6. Functions of skin
7. Enzymes in pancreatic juice
8. Muscles of inspiration
9. Define blood pressure
10. Receptors of vision
