

[LI 6253]

FEBRUARY 2016

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. Discuss the mechanism of Blood Coagulation. Add a note on Haemophilia.
2. Define Blood Pressure. Discuss the factors regulating Arterial pressure.

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

1. Micturition Reflex.
2. Blood Grouping.
3. Salivary Juice secretion.
4. Endometrial cycle.
5. Visual pathway.
6. Calcitrophic Hormones.
7. Functions of Hypothalamus.
8. Isotonic and Isometric contractions.

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

1. Name the Lung volumes.
2. Any four functions of Thyroxine.
3. Functions of Placenta.
4. Sarcomere.
5. List the types of Hypoxia.
6. Phagocytosis.
7. Stroke Volume.
8. Functions of Cerebrospinal fluid.
9. List the refractive errors.
10. Hazards of blood transfusion.
