

(LE 4253)

FEBRUARY 2014

Sub Code: 4253

FIRST B.PHARM. EXAM

Paper III – ANATOMY, PHYSIOLOGY AND HEALTH EDUCATION

Q.P. Code : 564253

Time : Three hours

Maximum : 100 marks

Answer All Questions

I. Elaborate on:

(2X20=40)

1. a) Explain anatomy of Heart with neat labeled diagram.
b) Write a note on cardiac cycle.
2. a) Draw a labeled diagram to show the histology of the thyroid gland. Write the steps involved in thyroxine.
b) Write the principal actions and disorders of thyroxine.

II. Write Short Notes on:

(8 x 5 =40)

1. Functions of Reticulo- endothelial system
2. Physiology of audition
3. Malnutrition
4. Reflex arc
5. Mechanism of urine formation
6. Composition and functions of pancreatic juice
7. Systemic circulation
8. Discuss the causative agent, mode of transmission, prevention and control of various communicable disease.

III. Short Answers:

(10 x 2 =20)

1. Type of joints.
2. Blood groups & its significance.
3. Mountain sickness
4. Composition of bile
5. Types of cartilage
6. Define Gestation
7. Pelvic Girdle
8. Christmas factor
9. Hemostasis
10. Composition of lymph