

February 2012

(LA 4253)

Sub. Code: 4253

FIRST B.PHARM. EXAMINATION

Paper III – ANATOMY, PHYSIOLOGY AND HEALTH EDUCATION

Q.P. Code : 564253

Time: Three Hours Maximum: 100 marks

Answer ALL questions

I. Elaborate on:

(2 x 20 = 40)

1. Give the physiological functions of female sex hormones. Explain the physiology of menstruation
2. With neat labelled diagram, explain the anatomy of respiratory system. Give the functions of respiratory organs. Add a note on regulation of respiration.

II. Write notes on:

(8 x 5 = 40)

1. Give the composition and functions of cerebrospinal fluid
2. Write a note on the bones of the skull
3. Draw the structure of a human skin and give its functions.
4. Explain the regulations of erythropoiesis
5. Briefly write about blood pressure
6. Write a note on liver
7. Enumerate the functions of epithelial tissue
8. Name various types of muscle. Explain the properties of skeletal muscle

III. Short Answers:

(10 x 2 = 20)

1. Name the disorders of Vitamin K and Iron
2. What is vasectomy?
3. Name the causative organism of Tuberculosis, chicken pox, Diphtheria, Filariasis.
4. What is balanced diet?
5. What is resuscitation?
6. What are rods and cones?
7. Define coagulation, erythropoiesis.
8. Name two important functions of Kidney
9. Diagrammatically represent the action potential of muscle
10. Give the composition of bile.
