

(LD 4253)

AUGUST 2013

Sub Code: 4253

FIRST B.PHARM. EXAM

Paper III – ANATOMY, PHYSIOLOGY AND HEALTH EDUCATION

Q.P. Code : 564253

Time : Three hours

Maximum : 100 marks

I. Elaborate on:

(2X20=40)

1. a) Draw a neat diagram and describe the organs of digestive system.
b) Explain their role in digestion of food.
2. a). Write the composition and functions of Blood.
b) Discuss about the mechanism of Blood coagulation.

II. Write Short Notes:

(8 x 5 = 40)

1. Discuss about the structure of skin and its function.
2. Classify Bones with example.
3. Write briefly about the mechanism of Respiration.
4. Write a note on Hormones of pituitary gland.
5. Write briefly on Erythropoiesis.
6. Define Reflex action and describe the formation of Reflex action.
7. Describe different family planning methods.
8. Describe the endocrine functions of Pancreas.

III. Short Answers:

(10 x 2 = 20)

1. Functions of Hypothalamus.
2. Fat soluble Vitamins and its function.
3. Functions of the Liver.
4. Functions of Bones.
5. Permanent sterilisation methods of family planning.
6. Sexually transmitted diseases and its causes.
7. Adrenal cortical Hormones and its functions.
8. Disorders of Thyroid gland and its functions.
9. Carbohydrate metabolism.
10. Diseases of the eye.
