



(LM 4253)

FEBRUARY 2018

Sub Code: 4253

B.PHARM. DEGREE EXAMINATION

FIRST YEAR

PAPER III – ANATOMY, PHYSIOLOGY AND HEALTH EDUCATION

Q.P. Code : 564253

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain the structure of the kidneys with a neat labeled diagram. Discuss the functions of kidney.
2. Describe the anatomy of brain with a neat diagram. Write the important functions of brain.

II. Write notes on:

(8 x 5 = 40)

1. Composition and functions of blood
2. List the hormones secreted by pituitary gland and discuss any two anterior pituitary hormones with their functions.
3. What are rods and cones? Give its importance.
4. Draw the structure of respiratory tract. Mention the functions of each part.
5. Define and classify vitamins. Mention the deficiency disorders of vitamins.
6. Composition of pancreatic juice and its functions.
7. Stages of cardiac cycle.
8. Write notes on spermatogenesis.

III. Short answers on:

(10 x 2 = 20)

1. Functions of lymph.
2. Haemolytic disease of new born.
3. Parathyroid gland
4. Heart sounds.
5. Cranial nerve functions.
6. What is reflex arc?
7. Types of cell and its functions.
8. Haemoglobin.
9. What is a balanced diet?
10. Sexually transmitted diseases.

