

(LP 2014)

SEPTEMBER 2019

Sub. Code: 2014

B.PHARM. DEGREE EXAMINATION
PCI Regulation – SEMESTER II
PAPER I – HUMAN ANATOMY AND PHYSIOLOGY – II

Q.P. Code: 562014

Time: Three hours

Maximum: 75 Marks

I. Elaborate on: Answer any TWO questions. (2 x 10 = 20)

1. Name the four surface lobes of the Cerebral hemisphere and describe the functions of the Cortex in each lobe.
2. Explain about the anatomy and physiology of Digestive system.
3. With illustrated diagram explain about the structure and function of a Nephron.

II. Write notes on: Answer any SEVEN questions. (7 x 5 = 35)

1. Explain about the mechanism of hormone action.
2. Discuss about the internal structure of the female reproductive system with diagram.
3. Describe about Oogenesis.
4. Write a brief note on pregnancy and parturition.
5. Genetic pattern of inheritance.
6. Write a note on neurotransmitter receptors with examples.
7. Discuss about the process of acid regulation in digestive system.
8. Discuss about the formation and role of ATP.
9. Name the various functions of the respiratory system.

III. Short answers on: Answer ALL questions. (10 x 2 = 20)

1. Functions of cerebellum.
2. Parts of Stomach.
3. Gall bladder.
4. Inflammatory Bowel Disease.
5. Naso pharynx.
6. Carbondioxide transport in blood.
7. Urinary Bladder.
8. Diabetic nephropathy.
9. Vasopressin.
10. Diabetes mellitus.