

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BPHARM 0522]

MAY 2022

Sub. Code: 2014

(SEPTEMBER 2021 EXAM SESSION)

B. PHARMACY 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. Describe the anatomical parts of the Brain. Add a note on its functions.
2. Classify the hormones of Pituitary gland. Give the physiological functions and disorders of growth hormones.
3. With a neat labeled diagram explain the anatomy of Kidney and Nephron and its functions.

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

1. Discuss the process of digestion in the Small Intestine.
2. Write a note on meninges of Brain.
3. Formation and role of ATP.
4. Add a note on receptor and its type.
5. Describe Adrenal cortex disorder.
6. Define Pregnancy and add stages of pregnancy.
7. Write about neurotransmitters with examples.
8. Describe the role of pepsin in protein digestion.
9. Short note on Neuroglia.

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

1. Define Hypoxia.
2. Write the role of pancreas in digestion of food.
3. What are the constituents of Saliva?
4. Write the function of Hypothalamus.
5. Explain the role of bile salts.
6. What is respiration?
7. Define ganglia.
8. Write the function of placenta.
9. Define Genetic code.
10. What are Androgens and Estrogens?
