

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

[BPHARM 0321]

MARCH 2021

Sub. Code: 2014

(SEPTEMBER 2020 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. a) Describe anatomy and physiological functions of Thyroid gland.
b) Explain the consequence of hypothyroidism and hyperthyroidism.
2. Discuss in detail the anatomy and functions of Male reproductive system.
3. Write in detail about physiology of Urine formation. Adds a note on micturition.

II. Write notes on: Answer any SEVEN questions.

(7 x 5 = 35)

1. Write about Oogenesis.
2. Enlist the function of the Liver.
3. Give the composition and function of Cerebrospinal fluid.
4. Add a note on artificial respiration.
5. Describe organization of the Nervous system.
6. Reflex action.
7. Define and classify hormones.
8. Discuss Fertilization.
9. Role of Renin Angiotensin system in kidney.

III. Short answers on: Answer ALL questions.

(10 x 2 = 20)

1. Give the composition of bile.
2. Function of neuroglia.
3. Define vital capacity.
4. What is Spermatogenesis.
5. What is GFR. Give its normal values.
6. Hormones of parturition.
7. Draw a neat diagram of neuron and label it.
8. List out the properties of nerve fiber.
9. What is the importance of meninges.
10. Functions of Cerebrum and Cerebellum.
