

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

[BPHARM 0122]

**JANUARY 2022
(MARCH 2021 EXAM SESSION)**

Sub. Code: 2001

B.PHARMACY DEGREE COURSE (SEMESTER EXAMINATIONS)

PCI Regulation 2017 – SEMESTER I

PAPER I – HUMAN ANATOMY AND PHYSIOLOGY - I

Q.P. Code: 562001

Time: Three hours

Maximum: 75 Marks

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

1. Define Synapse? Enumerate the types of Synapses and describe Synaptic transmission.
2. Classify Blood groups. Add a note on importance of Blood grouping and Rhesus factor.
3. What is Circulation? Explain the Anatomy of blood vessels, add notes on the blood supply to Heart.

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

1. Describe the structure and functions of Epithelial tissue.
2. Write a note on various types of Anaemia.
3. Composition and functions of Lymph.
4. Functions of Plasma proteins.
5. Physiology of vision and disorders of Eye.
6. Pulmonary circulation and its functions.
7. Describe conducting system of Heart.
8. Sense of taste and physiology of taste in brief.
9. Bones of Skull.

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

1. Pancytopenia
2. Von Willebrand disease
3. Circumduction
4. Rods and Cones
5. Diseases of Eye.
6. Functions of Skeleton
7. Neuromuscular junction
8. Christmas factor
9. Presbycusis
10. Functions of Skin.
