

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

[BPHARM 0122]

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

Sub. Code: 2020

**B.PHARMACY DEGREE COURSE (SEMESTER EXAMINATIONS)
PCI Regulation 2017 – SEMESTER II
PAPER IV – PATHOPHYSIOLOGY
Q.P. Code : 562020**

Time: Three hours

Maximum: 75 Marks

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

1. Describe the etiology, pathogenesis and complications of Ischemic Heart Disease.
2. Elaborate on the etiology, symptoms and pathogenesis of Chronic Obstructive Pulmonary Disease.
3. Discuss the different types of blood disorders. And write the causes, symptoms and pathogenesis of Sickle Cell Anaemia and Hemophilia.

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

1. Discuss about the Cellular Adaptation.
2. Pathogenesis of Alzheimer's disease.
3. Discuss briefly on Osteoporosis.
4. Enumerate on pathogenesis of Tuberculosis.
5. Write note on Acute Inflammation.
6. Write short notes on Intercellular Accumulations.
7. Pathogenesis of Typhoid.
8. Pathogenesis and complications of Peptic Ulcer.
9. Notes on Urinary Tract Infections.

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

1. Necrosis.
2. Atrophy.
3. Difference between dystrophic and metastatic calcification.
4. Hypernatremia.
5. Wound Healing.
6. Extrinsic Asthma.
7. Types of Jaundice.
8. Haemorrhagic Stroke.
9. Hepatitis B Virus infection.
10. Clinical features of Leprosy.
