

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

**[B.PHARM 0323]**

**MARCH 2023  
(SEPTEMBER 2022 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. Explain in detail about causes, pathogenesis and morphology of Cellular Injury.
2. List out and describe on Ischemic Heart Diseases.
3. Write in detail about classification, etiology and pathogenesis of Urinary Tract Infections.

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

1. Describe briefly on Various Anemia.
2. Classification and pathophysiology of Gout.
3. Note on Colonic Cancer.
4. Classify psychiatric disorders and explain briefly about Depression.
5. Pathogenesis of Syphilis and Gonorrhoea.
6. Signs, symptoms and pathogenesis of Diabetes.
7. Note on Chronic Renal Failure.
8. Cardinal signs of Inflammation.
9. Cause, pathogenesis, signs, symptoms and diagnostic method of Enteric Fever.

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

1. Meningitis.
2. Dots Therapy.
3. Causes and transmissions of Hepatitis B.
4. List out inflammation Bowel Disease.
5. Helicobacter Pylorus Infection.
6. Types of Epilepsy.
7. Steatosis.
8. Margination.
9. Causes and transmissions of leprosy.
10. Dysplasia.

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