

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

[BPHARM 0122]

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

Sub. Code: 4260

**B.PHARMACY DEGREE COURSE (NON-SEMESTER EXAMINATIONS)
SECOND YEAR (Regulation 2009-2010)
PAPER V – PHARMACY PRACTICE AND PATHOPHYSIOLOGY
*Q.P. Code: 564260***

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

**SECTION A
(PHARMACY PRACTICE)**

I. Elaborate on: **(1 x 20 = 20)**

1. a) Define prescription. Explain various parts of prescription with an example.
- b) What are legal requirements to establish a drug store?

II. Write notes on: **(4 x 5 = 20)**

1. Write a note on dusting powders.
2. Explain the chemical incompatibilities which occur due to Alkaloidal salts.
3. Discuss the characteristics of surgical dressings.
4. Differentiate between Mouth washes and Gargles.

III. Short answers on: **(5 x 2 = 10)**

1. What is true drug tolerance?
2. Define Paratonic solution.
3. Give two examples of Protectives.
4. Define proof spirit.
5. Name any four examples of emulsifying agents.

**SECTION B
(PATHOPHYSIOLOGY)**

I. Elaborate on: **(1 x 20 = 20)**

1. Discuss the etiology, pathophysiology and management of Asthma.

II. Write notes on: **(4 x 5 = 20)**

1. Pathophysiology and different types of Epilepsy.
2. Explain the cellular events in acute inflammation.
3. Pathophysiology of Gout.
4. Write a note on reversible cell injury.

III. Short answers on: **(5 x 2 = 10)**

1. Define Apoptosis.
2. Types of cellular adaptation.
3. Treatment for Hepatitis B.
4. Differentiate acute and chronic renal failure.
5. Types of Diabetes Mellitus.
