

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

(LN 4260)

AUGUST 2018

Sub. Code: 4260

**B.PHARM. DEGREE EXAMINATION
SECOND YEAR
PAPER V – PHARMACY PRACTICE AND PATHOPHYSIOLOGY**

Q.P. Code: 564260

Time: Three hours

Maximum: 100 Marks

**SECTION A
(PHARMACY PRACTICE)**

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

1. Classify incompatibilities. Elaborate on chemical incompatibility with suitable examples.

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

1. Discuss the role of Pharmacist in community and health education.
2. Write the various formulae to calculate child dose.
3. Describe about the stability problems involved in preparing and storing emulsion.
4. Write a note on dusting powders.

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

1. What is an absorbable suture? Give example.
2. Define pastilles.
3. Write the direction for the use of liniment and lotion.
4. Define proof spirit.
5. What are the disadvantages of OTC medications?

**SECTION B
(PATHOPHYSIOLOGY)**

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

1. Elaborate on various types, etiology, pathogenesis and symptoms of Asthma.

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

1. Classify angina. Write the etiology and pathogenesis of angina pectoris.
2. Explain the steps involved in wound healing process.
3. Describe the pathophysiology and symptoms of Parkinson's disease.
4. Write a note on different types of gout.

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

1. Define autoimmune disorder with suitable example.
2. Write the etiology of peptic ulcers.
3. Define insulin resistance.
4. Write the types of syphilis.
5. What is caseous necrosis?
