

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

[BPHARM 0921]

SEPTEMBER 2021
(FEBRUARY 2021 EXAM SESSION)

Sub. Code: 4260

B. PHARMACY DEGREE EXAMINATION
SECOND YEAR – (NON-SEMESTER)
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) Write a note on therapeutic incompatibility with suitable examples.
b) What are surgical dressings? Classify different types of bandages materials with their application.

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

1. Write short on handling of prescription.
2. Explain the legal requirements to establish a drug store.
3. Give a model prescription and mention its parts.
4. Write a note on lotions.

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

1. What is HLB value?
2. Give the formulae for Mandl's paint.
3. What is Antagonism?
4. Types of drug stores.
5. Barriers in patient counseling.

SECTION B
(PATHOPHYSIOLOGY)

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

1. Define Diabetes Mellitus. Discuss in detail the etiology, pathophysiology and management of Diabetes Mellitus.

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 Parkinson's disease.
4. Write a note on Myocardial Infarction.

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

1. Define Apoptosis.
2. Types of cellular adaptation.
3. Treatment for Hepatitis B.
4. Differentiate Atrophy and Hypertrophy.
5. Symptoms for Rheumatoid arthritis.
