

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

[MPHARM 0122]

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

Sub. Code: 2982

**M.PHARMACY DEGREE EXAMINATION
SEMESTER-I (PCI New regulations 2016)
PHARMACOLOGY - MPL
PAPER II - ADVANCED PHARMACOLOGY - I
*Q.P. Code : 262982***

Time : Three hours

Answer ALL Questions

Maximum : 75 Marks

I. Elaborate on:

(2 x 20 = 40)

1. a) Classify Alpha and Beta Adrenergic Antagonist. Discuss the mechanism, adverse reactions, drug interactions and clinical indications of Propranolol.
b) Describe Dale's Vasomotor Reversal with suitable example.
2. Define Absorption. Write elaborately on the methods and factors influencing drug Absorption.

II. Write notes on:

(7 x 5 = 35)

1. Classify peripherally acting Muscle Relaxant and discuss the mechanism of d- tubacurarine.
2. Explain the contraindication and adverse drug reactions of Phenytoin.
3. Discuss the mechanism of action and uses of Benzodiazepines.
4. Classify Diuretics with examples. Mention the uses of Amiodarone.
5. Write the Pharmacology and therapeutic uses of Low Molecular Weight Heparin.
6. Describe the Mechanism of Non-Steroidal Anti-inflammatory Drugs.
7. Classify Anti-hypertensive agents. Write the mechanism and uses of Verapamil.
