

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

**[M.PHARM 0922]**

**SEPTEMBER 2022  
(APRIL 2022 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. List out various neurotransmitters and receptors involved in signal transduction in central nervous system.
2. Classify diuretics according to site of action. Explain the pharmacology of Thiazide and Loop diuretics.

**II. Write notes on:**

**(7 x 5 = 35)**

1. Pharmacological Actions of Acetylcholine.
2. Pharmacology of Levodopa.
3. Drugs used to treat anxiety.
4. Physiological and pathological role of Prostaglandins.
5. Sedatives and hypnotics.
6. Hematinics.
7. Explain the pharmacology of Phenytoin.

\*\*\*\*\*