

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

[MD 1223]

**DECEMBER 2023  
(OCTOBER 2023 EXAM SESSION)**

**Sub. Code: 2024**

**M.D. DEGREE EXAMINATION**

**BRANCH VI – PHARMACOLOGY**

**PAPER III – CLINICAL PHARMACOLOGY AND  
PHARMACOTHERAPEUTICS INCLUDING RECENT ADVANCES**

*Q.P. Code: 202024*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Essay:**

**(2 x 15 = 30)**

1. Write briefly about different types of Calcium Channels. Discuss the Pharmacology of Calcium Channel Blockers.
2. Discuss in detail about Vasoactive Peptides, their Receptors and Drugs acting through them.

**II. Short notes:**

**(10 x 5 = 50)**

1. Mineralocorticoid Antagonists in Heart Failure.
2. P2Y<sub>12</sub> Receptor Antagonists.
3. Fenoldopam.
4. Therapeutic uses of Aspirin.
5. Drug treatment for Chemotherapy induced vomiting.
6. Milnacipran.
7. Lanreotide.
8. Glycopeptide Antibodies.
9. Drugs effective against Hepatitis C Virus infection.
10. Anticytokine Antibodies.

**III. Reasoning Out:**

**(4 x 5 = 20)**

1. Use of Corticosteroids in Tuberculosis.
2. Plasma Expanders – Therapeutic applications.
3. Role of Brain derived Neurotrophic Factor in Depression.
4. Status of Thiazide class Diuretics in Hypertension.

\*\*\*\*\*