

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

[MD 1022]

OCTOBER 2022

Sub. Code: 2025

M.D. DEGREE EXAMINATION

BRANCH VI – PHARMACOLOGY

**PAPER IV – APPLIED PHARMACOLOGY AND LAWS GOVERNING
DRUG REGULATIONS**

Q.P. Code: 202025

Time: Three Hours

Maximum: 100 Marks

I. Essay:

(2 x 15 = 30)

1. a) Explain the mechanism of action of drugs used for bronchial asthma.
b) Explain the role of inhaled steroids in bronchial asthma.
2. a) Explain the pharmacological basis of management of hypertensive emergency.
b) Write briefly about rebound hypertension.

II. Short notes:

(10 x 5 = 50)

1. Cox – 2 inhibition.
2. Drugs used for mania.
3. Mineralocorticoid antagonists.
4. Drugs affecting fibrinolytic system.
5. Topical azoles.
6. Causality assessment of ADRs.
7. Schedule H.
8. Ideal chelating agent.
9. Clinical uses of Cyproheptadine.
10. Nicotinic acid.

III. Reasoning Out:

(4 x 5 = 20)

1. “Drug compliance monitoring” in clinical trials.
2. Warfarin is used only for maintenance therapy.
3. ARBs are better than ACE inhibitors in some clinical conditions.
4. Use of Naltrexone for deaddiction.
