

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

[MD 1223]

**DECEMBER 2023
(MAY 2023 EXAM SESSION)**

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. Explain the characteristics of Antibiotics based on which the Dosing is calculated with examples.
2. Discuss in detail about Phosphodiesterase Inhibitors.

II. Short notes: **(10 x 5 = 50)**

1. Drug Regulatory System in India.
2. Schedule H Drugs.
3. EGFR Inhibitors in Cancer Therapy.
4. Incretin – mimetics.
5. Endogenous Anti Oxidants.
6. Iclaprim.
7. Flibanserin.
8. Lomitapide.
9. Newer Anti Dyslipidemic Drugs.
10. Treatment of Acute Gout.

III. Reasoning Out: **(4 x 5 = 20)**

1. Opioid Dependence – Management.
2. Why MAO Inhibitor Administration has to be delayed even after stopping Fluoxetine.
3. FDC of Angiotensin II Receptor blocker and Nephilysin inhibitor.
4. Use of Erythropoietin in Renal Disease.
