

M.D. DEGREE EXAMINATION
BRANCH VI – PHARMACOLOGY
PAPER II – SYSTEMIC PHARMACOLOGY INCLUDING
RECENT ADVANCES

Q.P.Code: 202023

Time: Three Hours

Maximum: 100 Marks

I. Essay: (2 x 10 = 20)

1. Discuss the newer trends in management of cardiac arrhythmias.
2. Discuss the pharmacotherapy of peptic ulcer including the recent advances.

II. Short Questions: (8 x 5 = 40)

1. Resistant hypertension.
2. Z drugs.
3. Treatment of alcoholism.
4. Dopamine receptor agonists in parkinsonism.
5. Tetracyclic antidepressants.
6. ADH receptor antagonists.
7. Uses of sympathomimetics.
8. Short acting neuromuscular blockers.

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

1. Nitric oxide donors as smooth muscle relaxants.
2. Lithium as a mood stabilizer.
3. Ion channels as novel analgesic targets.
4. Diuretics and nephrolithiasis.

IV. Very Short Answers: (10 x 2 = 20)

1. Natriuretic peptides.
2. Autoreceptors.
3. Rasburicase.
4. Ramelteon.
5. Endogenous cannabinoids.
6. EMLA.
7. Bupropion.
8. Inodilators.
9. Adverse effects of ACE Inhibitors.
10. Mechanism of action of levetiracetam.
