

**M.D. DEGREE EXAMINATION
BRANCH VI – PHARMACOLOGY**

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

Q.P. Code : 202024

Time: Three Hours

Maximum: 100 Marks

I. Essay: **(2 x 15 = 30)**

1. a) Discuss the advantages and disadvantages of HRT in postmenopausal women.
b) Write the advantages and disadvantages of OC pills.
2. a) Discuss the recent advances in the pharmacotherapy of Depression.
b) Write briefly about serotonin syndrome.

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

1. Carbonic anhydrase inhibitors.
2. Drugs used to alleviate abnormal micturition.
3. Spindle poisons.
4. Performance enhancing drugs in sports.
5. Incretin based therapy.
6. Mycophenolate mofetil.
7. Informed consent.
8. Enzymes in therapy.
9. Immunostimulants.
10. Suicidal inhibitors.

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

1. Pleiotropic role of melatonin.
2. Rationale for using folate antagonists in therapy.
3. MAB in cancer therapy.
4. Role of Zinc sulphate in Childhood diarrhea.
