

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

Answer ALL questions

I. Essay: **(2 x 10 = 20)**

1. Discuss the pathogenesis and pharmacology of drugs used in inflammatory bowel disorders.
2. Describe the current trends in management of type 2 diabetes mellitus.

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

1. Combination chemotherapy in treatment of HIV.
2. Direct thrombin inhibitors.
3. Platinum compounds.
4. Drugs acting on microtubules.
5. Fosfomycin.
6. Management of hypercalcemia.
7. Novel thyroid hormone analogs.
8. Saline laxatives.

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

1. G6PD status and malaria therapy.
2. Emergence of resistance in tuberculosis.
3. Exemestane as a therapeutic agent.
4. Anticoagulants and lab monitoring.

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

1. Burimamide.
2. Drugs used in pulmonary hypertension.
3. Modulators of GnRH.
4. Glucagon as a therapeutic agent.
5. Ketolides.
6. Human insulins.
7. Adverse effects of cisapride.
8. Sequential blockade.
9. Drugs used in trypanosomiasis.
10. Gene gun.
