

**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 10 = 20)

1. Describe Artemisinin based combination therapy in management of malaria.
2. Discuss the recent advances in the management of type 2 diabetes mellitus.

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

1. Thyroid peroxidase inhibitors.
2. Anti androgens.
3. Anthracyclines.
4. Drugs acting on topoisomerase.
5. Carbapenems.
6. Interleukin 2.
7. Oral phosphate binders.
8. Management of neurocysticercosis.

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

1. Prophylaxis in HIV.
2. Microbial Resistance to aminoglycosides.
3. Antisecretory agents in diarrhoea.
4. Role of allopurinol in gout.

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

1. Rapamycin.
2. BCR- ABL Kinase inhibitors.
3. Drugs for surgical site infection.
4. Saline laxatives.
5. Insulin like growth factor 1.
6. Antiinflammatory action of glucocorticoids.
7. Liothyronine.
8. Management of tuberculosis in HIV.
9. Fungal cell wall synthesis inhibitors.
10. Contraindications to oral contraceptives.

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