

(LI 127)

APRIL 2016

Sub. Code:2024

**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. Discuss the current trends in combination chemotherapy of HIV.
2. Describe the pharmacology of glucocorticoids and its clinical applications.

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

1. Drugs acting on motilin receptors.
2. Direct thrombin inhibitors.
3. Cerebral malaria.
4. Echinocandins.
5. Antimicrobial agents targeting 50S ribosomal subunit.
6. Starch blockers.
7. Eflornithine.
8. Oral phosphate binders.

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

1. Drugs causing Time dependant killing vs. concentration dependant killing.
2. Role of tamoxifen.
3. Reasons for MDR TB emergence.
4. Prophylaxis with Antimicrobial agents.

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

1. Heparinoids.
2. ADP antagonists.
3. Spectinomycin.
4. Drugs used in Polycystic ovarian syndrome.
5. Management of methotrexate toxicity.
6. Centchroman.
7. Anabolic steroids.
8. Rifabutin.
9. Tocolytics.
10. Glycylclines.
