

(LK 128)

MAY 2017

Sub. Code:2025

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

**PAPER IV – APPLIED PHARMACOLOGY AND LAWS GOVERNING
DRUG REGULATIONS**

Q.P.Code: 202025

Time: Three Hours

Maximum: 100 Marks

I. Essay:

(2 x 10 = 20)

1. Describe the role of chronopharmacology in therapeutics.
2. Discuss in detail management of hyperlipidemia with current perspectives.

II. Short Questions:

(8 x 5 = 40)

1. Principles of ICH – GCP.
2. Perinatal pharmacokinetics.
3. Drugs and magic remedies act.
4. New drug Policy.
5. Enzymes in therapy.
6. Myeloid growth factors.
7. Fluoride poisoning.
8. Gene therapy.

III. Reasoning Out:

(4 x 5 = 20)

1. Medicinal plants as sources of antioxidants.
2. Aspirin in myocardial infarction.
3. Beta blockers and drug interactions.
4. Resurgence of thalidomide.

IV. Very Short Answers:

(10 x 2 = 20)

1. Unithiol.
2. Contract research organization.
3. Coenzyme Q 10.
4. Dope test.
5. Schedule J.
6. Orphan drug act.
7. Hit and run drugs.
8. Prussian blue.
9. Process of NDA review.
10. Causality analysis.
