

(LG 127)

APRIL 2015

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. What are the different types of shock and how are they managed?
2. Current concepts in the management of congestive cardiac failure.

II. Short Questions:

(8 x 5 = 40)

1. Antioxidants.
2. Racial differences in response to drugs.
3. Zero order kinetics.
4. Drugs modifying steroid biosynthesis.
5. Imatinib mesylate.
6. Thiazide diuretics in diabetes insipidus.
7. Uses of angiotensin receptor antagonists.
8. Pharmacoeconomics.

III. Reasoning Out:

(4 x 5 = 20)

1. Vitamin K and Vitamin D administration in phenytoin toxicity.
2. Ciprofloxacin increases plasma concentration of Ropinirole.
3. Oxybutynin in overactive bladder.
4. Amphetamine in narcolepsy.

IV. Very Short Answers:

(10 x 2 = 20)

1. Clinical uses of interferons.
2. Tolterodine.
3. Benoxinate.
4. Estrogen receptor modulators.
5. Protamine sulphate.
6. Acarbose.
7. Sibutramine.
8. Designer drugs.
9. Uses of Lithium.
10. Mention two non-psychiatric uses of Amitriptyline.
