

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[LO 350]

MAY 2019

Sub. Code: 2911

**M.PHARM. DEGREE EXAMINATION
FIRST YEAR
BRANCH IV – PHARMACOLOGY
PAPER II – PHARMACOLOGY AND TOXICOLOGY**

Q.P. Code: 262911

Time: Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. The steps involved in neurohumoral transmission in ANS and drugs affecting them.
2. The various mechanisms of drug absorption and factors affecting absorption of drugs.

II. Write notes on:

(10 x 6 = 60)

1. Hepatic clearance of drugs.
2. Mechanism, pharmacological actions and adverse effects of thiazide diuretics.
3. Combination of levodopa and carbidopa.
4. Heavy metal poisoning and their antagonists.
5. Role of antioxidants in treatment of diseases.
6. Depolarizing and non-depolarizing neuromuscular blocking agents-a comparison.
7. Fluroquinolones.
8. Drugs used in treatment of anxiety.
9. Role of beta blockers in treatment of diseases.
10. Nucleoside reverse transcriptase inhibitors.
