

Q.P.CODE:152-NR

Dr. NTR University of Health Sciences::Vijayawada-520 008
M.D. DEGREE EXAMINATION – APRIL, 2019

PHARMACOLOGY

Paper-I : Pharmacology General Principles and Experimental
Pharmacology including Biostatistics and Bio-assay.

Time: 3 Hours

Max. Marks:100

Note: Answer all questions

All questions carry equal marks

Draw neat diagrams wherever necessary

WRITE SHORT ESSAYS ON THE FOLLOWING:

- 1) Pharmacogenetics and drug development
- 2) Molecular mechanism of drug action with examples
- 3) Fixed dose combination of drugs
- 4) G-protein coupled receptors
- 5) Drug nomenclature
- 6) Describe the phases of clinical drug trials. Describe the features of an ideal randomized clinical trial.
- 7) Principles of treatment of drug poisoning
- 8) Signal management in Pharmaco vigilance
- 9) Student's t test
- 10) Preclinical evaluation of antidiabetic drugs
