

Q.P.CODE:152-NR

Dr. NTR University of Health Sciences::Vijayawada-520 008
M.D. DEGREE EXAMINATION – APRIL, 2018

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) Membrane Transporters and drug response
 - 2) Personalized Medicine
 - 3) G Protein Coupled Receptor
 - 4) Describe the Chi-Square test and its uses
 - 5) Spectrophotometer
 - 6) Role and responsibilities of Human ethics committee
 - 7) Materiovigilance
 - 8) Newer drug delivery system
 - 9) Acute toxicity animal studies
 - 10) Drug metabolizing enzyme induction and inhibition
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