

152-NR

*Dr. NTR University of Health Sciences::Vijayawada-520 008*  
M.D. DEGREE EXAMINATION – NOVEMBER, 2016

**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

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WRITE SHORT ESSAYS ON THE FOLLOWING:

- 1) Bioequivalence of drugs
- 2) Apparent volume of distribution and its significance
- 3) Screening of new molecule for anti-anxiety activity
- 4) Chi-square test
- 5) Certain safety factor
- 6) Acute toxicity study in animals
- 7) Flame photometry
- 8)  $pA_2$  value
- 9) Drug dependence
- 10) Post marketing surveillance

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