

152-NR

M.D. DEGREE EXAMINATION – APRIL, 2013

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

WRITE SHORT ESSAYS ON THE FOLLOWING:

1. Control release preparations: Advantages and disadvantages
2. Inhalation route in drug delivery
3. Animal screening of a drug molecule for its antifertility effects
4. Kinetics of drug metabolism and its clinical significance
5. Rational drug therapy
6. High pressure liquid Chromatography.
7. Second messengers.
8. Animal toxicity studies
9. Drug antagonism
10. Null hypothesis

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