

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES

WARANGAL, TELANGANA STATE – 506 002

M.D/ M.S DEGREE SUPPLEMENTARY EXAMINATIONS: MAY,2025

PHARMACOLOGY

PAPER – I

(Pharmacology General Principle & Experimental Pharmacology Including Biostatistics and Bio-Assay)

Time: 3 Hours

Max Marks: 100

Note: Answer all questions

Give Diagrammatic representation wherever necessary

Write a short essay on the following:

10 X 10 = 100

1. Hepatic microsomal enzyme induction and its clinical significance.
2. Animal models for vaccine development and testing.
3. Principles of drug therapy in geriatric population.
4. Animal ethical committee, its composition and role.
5. ANOVA.
6. Therapeutic drug monitoring.
7. Interpolation and matching bioassay.
8. Materiovigilance program of India.
9. Kinetics of elimination.
10. Personalized drug therapy.
