

**KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES
WARANGAL, TELANGANA STATE – 506 002**

D.M. /M.CH. DEGREE EXAMINATIONS: NOVEMBER, 2023

**NEPHROLOGY
PAPER – I
(BASIC SCIENCES)**

Time: 3 Hours.

Max Marks: 100

Note: Answer all questions.

Give Diagrammatic representation wherever necessary.

Write an essay on the following:

2 X 30 = 60

1. Draw descriptive diagrams and explain counter current multiplier and exchanger system and give diagnostic approach to a case of polyuria.
2. Classify diuretics according to their sites and mechanisms of action.
Discuss the causes and management of diuretic resistance.

Write a short note on the following:

4 X 10 = 40

3. Renal ammoniogenesis.
4. Apoptosis in renal disease.
5. Role of nuclear imaging in nephrology.
6. Renal Autoregulation.
