

PAPER CODE: 6031

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES

WARANGAL, TELANGANA STATE – 506 002

D.M. DEGREE EXAMINATION: MARCH, 2025

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

Time: 3 Hours.

Max Marks: 100

Note: Answer all questions.

Give Diagrammatic representation wherever necessary.

Write Essay on the following:

2X30=60

1. Discuss in detail about the process of Spermatogenesis and its hormonal control.
2. Describe the physiology of Bone remodelling and its regulation.

Write short note on the following:

4X10=40

3. Pituitary Transcription Factors.
4. Iodide metabolism by Thyroid Cell.
5. Androgen Receptor.
6. Quantitation of Beta Cell function.
