

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

FIRST BNYS PART- II YEAR DEGREE SUPPLEMENTARY EXAMINATIONS - MAY 2026

**PHYSIOLOGY
PAPER– II**

Time: 3 Hours

Max Marks: 80

Note: Answer all questions

Give diagrammatic representation wherever necessary.

Write an essay on the following:

2 X 10 = 20

1. Explain in detail about the mechanism of hearing and add a note on hearing tests.
2. Menstrual cycle its stages and hormonal regulation.

Write a short note on the following:

10 X 5 = 50

3. Cerebrospinal fluid and its formation, circulation and function.
4. Memory and its classification.
5. Ventral spinocerebellar tract.
6. Excitation-contraction coupling.
7. Functions of Thalamus.
8. Describe the biosynthesis and functions of thyroxine.
9. Physiology of lactation.
10. Describe the mechanism of action of insulin.
11. Note on neuromuscular junction.
12. Functions of testis.

Write briefly on the following:

5 X 2 = 10

13. Narcolepsy.
14. Define neurotransmitters.
15. Anosognosia.
16. What is blind spot?
17. Types of neurons.
