

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

**FIRST BNYS PART-II YEAR DEGREE SUPPLEMENTARY EXAMINATIONS:
NOVEMBER, 2025**

**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 the different parts and functions of the Cerebellum. Write a note on cerebellar lesions.
2. Explain in detail about Spermatogenesis stages. Add a note on Semen and its composition.

Write a short note on the following:

10 X 5 = 50

3. Olfactory pathway.
4. Corticospinal tract.
5. Mechanism of hormones.
6. Synapse.
7. Electroencephalogram.
8. Explain milk ejection reflex with diagram.
9. Brown Sequard syndrome.
10. Origin and termination of Ascending tracts.
11. Reticular formation of brain.
12. Functions of Beta cells of Pancreas.

Write briefly on the following:

5 X 2 = 10

13. Sarcomere.
14. What is Virilism?
15. Releasing hormones of Hypothalamus.
16. Starlings law of Muscle.
17. Name the salivary glands.
