

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

FIRST BNYS PART- II YEAR DEGREE EXAMINATIONS - MAY 2026

**PHYSIOLOGY
PAPER– I**

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. Define and classify Anaemia.
2. Explain Salivary glands and properties compositions, functions of saliva.

Write a short note on the following:

10 X 5 = 50

3. Structure and properties of cardiac muscle.
4. Active transport.
5. Compliance definition and types.
6. Regulation and mechanism of HCL secretion.
7. Electrocardiography.
8. Lung volumes capacities and their measurements.
9. Functions of small intestine.
10. Micturition reflex.
11. Arterial blood pressure.
12. Structure and functions of skin.

Write briefly on the following:

5 X 2 = 10

13. Mitochondria.
14. ESR.
15. Glomerular filtration rate.
16. Artificial respiration.
17. Define Cyanosis.
