

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

BPT FIRST YEAR DEGREE SUPPLEMENTARY EXAMINATIONS: JULY, 2025

PHYSIOLOGY

Time: 3 Hours.

Max Marks: 80

Note: Answer all questions.

Draw diagrams wherever necessary.

Write an essay on the following:

2 X 10 = 20

1. a) Describe the uptake, transport and delivery of Oxygen in the Blood.
Explain Oxygen Dissociation Curve.

OR

- b) Enumerate the respiratory centres. Describe the Neural Regulation of Respiration.

2. a) Describe the hormonal Regulation of Calcium Metabolism.

OR

- b) Describe the functions of Growth Hormone. Add a note on Acromegaly.

Write a short note on the following:

8 X 5 = 40

3. Cellular Immunity.
4. Visual Pathway.
5. Movements of Small Intestine.
6. Juxta Glomerular Apparatus.
7. Properties of cardiac Muscle.
8. Bile.
9. Taste Buds.
10. Conducting System of Heart.

Write briefly on the following:

10 X 2 = 20

11. Ovulation.
12. Functions of Cerebellum.
13. Synaptic Delay.
14. Platelets.
15. Triple Response.
16. Functions of Gastrin.
17. Myasthenia Gravis.
18. Referred Pain.
19. Lymph.
20. Functions of Spleen.
