

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES

WARANGAL, TELANGANA STATE – 506 002

BPT FIRST YEAR DEGREE SUPPLEMENTARY EXAMINATIONS: JULY, 2024

PHYSIOLOGY

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. a) Draw a labelled Diagram of corticospinal Tracts. Describe its origin, course and termination.

OR

- b) Describe the functions of Hypothalamus in detail.
2. a) Enumerate the Respiratory Centres. Describe the Neural Regulation of Respiration.

OR

- b) Give the Composition, function of Gastric Juice. Explain the mechanism of Secretion of Gastric Juice.

Write a short note on the following:

8 X 5 = 40

3. Anti-coagulants.
4. Micturition Reflex.
5. Refractive Errors.
6. Excitation- contraction Coupling.
7. Actions of Insulin.
8. Surfactant.
9. Heart Sounds.
10. Oxytocin.

Write briefly on the following:

10 X 2 = 20

11. Functions of Middle Ear.
12. Fick's Principle.
13. Functions of Glucagon.
14. Name two pregnancy tests.
15. Myxoedema.
16. Motor end Plate.
17. Sertoli Cells
18. P-R interval.
19. Endocytosis.
20. Hypothermia.
