

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES

TELANGANA STATE, WARANGAL – 506 002

B.Sc. (Allied Health Sciences), FIRST YEAR DEGREE SUPPLEMENTARY

EXAMINATIONS: NOVEMBER, 2024

PHYSIOLOGY

(Common for all B.Sc. (Allied Health Sciences) Courses)

Time: 3 Hours

Max Marks: 80

Note: Answer all questions

Draw diagrams whenever necessary with Black Ball point pen /HB pencil /any dark

Color pencil.

Write essay on any TWO of the following questions:

2 X 10 = 20

1. Define Cardiac cycle. Write about the events in the cardiac cycle.
2. Describe the stages of Erythropoiesis and factors influencing it.
3. List out the various hormones released from Anterior Pituitary Gland.
Write the actions of growth hormone.

Write a short note on any FIVE of the following:

5 X 6 = 30

4. Describe ABO and RH blood group system. Mention any two complications of mismatched blood transfusion.
5. Functions of Stomach.
6. Juxta-Glomerular apparatus.
7. Draw a neat labelled diagram of taste pathway.
8. Functions of Cerebellum.
9. Write the types of skeletal muscle fibres.

Write briefly on the following:

10 X 3 = 30

10. Endocytosis.
11. Heat stroke.
12. Define Hypertension, give its clinical types.
13. Define the terms menarche, menopause, menstruation.
14. List any three gastrointestinal hormones
15. Functions of skin.
16. Oxy- haemoglobin.
17. Define Anaemia.
18. Draw a neat labelled diagram of sperm.
19. Plasma proteins and their functions.
