

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES
WARANGAL, TELANGANA STATE – 506 002
B.Sc. (NURSING) FIRST YEAR DEGREE SUPPLEMENTARY EXAMINATIONS: AUGUST, 2025
ANATOMY AND PHYSIOLOGY

Time: 3 Hours

Max Marks: 75

Note: Answer part **A & B** questions in two separate answer books
Question in part “**A**” should not be answered in part “**B**” and vice versa. Otherwise they will not be valued

Part-A (Anatomy) = 37 Marks

Write an essay on any ONE of the following: **1 X 12 = 12**

1. Enumerate the organs of Cardiovascular system. Describe the gross anatomy of Heart.
2. Name the organs of Gastrointestinal system. Explain in detail about Stomach.

Write short note on any THREE of the following: **3 X 5 = 15**

3. Thyroid Gland.
4. Pleura.
5. Spinal cord.
6. Structure of the cell.
7. Classification of joints.

Write briefly on the following: **5 X 2 = 10**

8. Hormones secreted by the Ovary.
9. Parts of upper Respiratory tract.
10. Name the long bones of human body.
11. Name the parts of Nephron.
12. Differences between Cardiac and Skeletal muscle.

Part-B (PHYSIOLOGY) = 38 Marks

Write an essay on any ONE of the following: **1 X 13 = 13**

13. With a help of diagram describe the mechanism of skeletal muscle contraction.
14. List special senses write in detail about physiology of visual pathway.

Write short note on any THREE of the following: **3 X 5 = 15**

15. Functions of Hypothalamus.
16. Write in detail about Immunity.
17. Erythropoiesis.
18. Pulmonary circulation.
19. Menstrual cycle.

Write briefly on the following: **5 X 2 = 10**

20. Purpose of the Skull.
21. Any four functions of Skin.
22. Basal metabolic rate.
23. Four properties of Muscular tissue.
24. Pineal gland.
