

**KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES
WARANGAL, TELANGANA STATE – 506 002
B.Sc NURSING SECOND YEAR DEGREE SUPPLEMENTARY EXAMINATIONS:
AUGUST, 2025**

PHARMACOLOGY PATHOLOGY AND GENETICS

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 (Pharmacology) = 38 Marks

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

1. Classify Analgesics. Write the mechanism of action, adverse effects and uses of Morphine.
2. Classify Antianginal Drugs. Write the mechanism of action, adverse effects and uses of Nitroglycerine.

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

3. Penicillin preparation.
4. Oral Hypoglycemic Drugs.
5. Antiasthmatic Drugs.
6. Anticoagulants.
7. Name any two Antiamoebic Drugs. Explain any one.

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

8. Name two Antiviral Drugs.
9. I.V Route.
10. Name two Diuretics and mention its two uses.
11. Name two drugs used in Diarrhea.
12. Name any two Ayurvedic Medicines.

Part-B (Pathology & Genetics) = 37 Marks

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

13. Explain etiology, pathological changes and clinical features in Renal Failure.
14. Explain etiology, pathological changes and clinical features in Pneumonia.

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

15. Explain stages of Wound Healing.
16. Explain Urine analysis.
17. Genetic Counseling.
18. Diagnostic tests.
19. What is Cross Matching? Explain the method of testing Blood for cross matching.

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

20. Gene Therapy gray detection.
21. Down's syndrome.
22. Types of Mutation.
23. Difference between Gangrene and Necrosis.
24. Define Spina Bifida.
