

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES

WARANGAL, TELANGANA– 506 002

B.Sc NURSING SECOND YEAR DEGREE EXAMINATIONS: MARCH, 2026

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 anti -hypertensives. Write the mechanism of action, adverse effects and uses of Enalapril.
2. Enumerate Aminoglycosides. Write the mechanism of action, Adverse effects and uses of Gentamicin.

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

3. Bronchodilators.
4. Oral anticoagulants.
5. Omeprazole.
6. Probiotics.
7. Immunosuppressants.

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

8. Name two muscle relaxants with their mechanism of action.
9. Mention four uses of metronidazole.
10. List four anti helminthic drugs.
11. List four uses of Atropine.
12. Mention four antiepileptics.

Part-B (Pathology & Genetics) =37 Marks

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

13. Describe the pathogenesis, morphology and complications of peptic ulcer.
14. Methods of prenatal testing.

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

15. Diagnosis of carcinoma cervix.
16. Importance of Semen analysis in case of infertility.
17. Spontaneous Abortion.
18. Down's Syndrome.
19. Bone marrow aspiration.

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

20. Mention types of Renal Calculi.
21. Mention four causes of testicular atrophy.
22. Define Amniocentesis.
23. What is Trisomy. Give two examples.
24. Mention four inborn errors of metabolism.
