PAPER CODE: NU213 A&B

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES

WARANGAL, TELANGANA STATE – 506 002

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

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Part-A (Pharmacology) =38 Marks

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

1. Classify antihypertensive. Enumerate therapeutic uses and adverse effects of Aspirin.
2. Classify anti-epileptic drugs. Discuss the mechanism of action, adverse effects and therapeutic uses of phenytoin Sodium

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

3. How much of insulin would you take if 24 units of insulin is required insulin vial u-40 is supplied. (Insulin syringe has 10 divisions in 1ml)
4. Local Anesthetics
5. Vitamin A
6. Drugs used in any one of the alternative system of medicine.
7. Vaginal contraceptives.

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

8. Difference between chemical name and generic name with one drug example.
9. Difference between Intramuscular and Intravenous route of drug administration.
10. Types of Anesthesia.
11. Disulphiram.
12. Action of Decongestants.

Part-B (Pathology & Genetics) =37 Marks

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

13. Classify pneumonia. Write etiopathogenesis, morphological features and complications of lobar pneumonia.
14. Define peptic ulcer. Explain about etiopathogenesis, morphological features and complications of peptic ulcer

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

15. Role of nurse in genetic counselling
16. Inborn errors of metabolism
17. Practical applications of genetics in nursing
18. Shock.
19. Pathological changes in Atherosclerosis.

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

20. Benign and malignant tumor.
21. Acute and chronic inflammation.
22. Cyst and tumor.
23. Chromosomal abberations.
24. Applications of genetics in nursing.

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