

**Q.P. CODE: 338**  
**DR NTR UNIVERSITY OF HEALTH**  
**SCIENCES :: AP :: VIJAYAWADA**  
**B.Sc(Nursing) DEGREE EXAMINATIONS – ,**  
**SECOND YEAR EXAMINATION – 4 YDC**  
**PHARMACOLOGY, PATHOLOGY &**  
**GENETICS**  
**(NEW SCHEME)**

Time: 3 Hours

Max. Marks: 75

Note: Answer all questions

Answer Part-A & B in TWO separate answer books.

Questions 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 any TWO of the following: 2x10=20**

- 1.a) Classify Penicillins. Write the mechanism of action, uses and adverse effects of Penicillin G.
  - b) Classify antihypertensives. Write the uses and adverse effects of any four of them.
  - c) Write the general principles in the treatment of poisoning. Mention the antidotes for the following:
    - i) Morphine
    - ~~ii) Iron~~
-

iii) Organophosphorus compounds

iv) Paracetamol

**Write short notes on any THREE of the following:**

**3x6=18**

2.a) Oral anticoagulants

b) Insulin preparations

c) Pethidine

d) Rifampicin

e) Drug tolerance and dependence

\*\*\*

www.FirstRanker.com

**Q.P. CODE: 338**  
**DR NTR UNIVERSITY OF HEALTH**  
**SCIENCES :: AP :: VIJAYAWADA**  
**B.Sc(Nursing) DEGREE EXAMINATIONS – ,**  
**SECOND YEAR EXAMINATION – 4 YDC**  
**PHARMACOLOGY, PATHOLOGY &**  
**GENETICS**  
**(NEW SCHEME)**

Time: 3 Hours

Max. Marks: 75

**PART-B (PATHOLOGY & GENETICS) – 37**  
**MARKS**

**(Pathology – 25 Marks)**

**Write any TWO of the following: 2x8=16**

- 1.a) Define NEOPLASIA. Discuss difference between benign and malignant tumours.
- b) Define ulcer. Discuss etiology, pathogenesis and pathology of chronic peptic ulcer
- c) Discuss wound healing in detail

**Write short notes on any THREE of the following:**  
**3x3=9**

- 2.a) Miliary Tuberculosis
- b) Renal stones
- c) ~~Bleeding time and clotting time~~

- d) Physical examination of urine
- e) Exudate

## **(Genetics – 12 Marks)**

**Write short notes on any THREE of the following:  
3x4=12**

- 3.a) Causes for spontaneous abortion
- b) Name six autosomal dominant disorders
- c) Down's Syndrome
- d) Characteristics and structure of gene
- e) Congenital abnormalities due to genetic defect

\*\*\*

www.FirstRanker.com