

**Q.P. CODE:338**  
**DR NTR UNIVERSITY OF HEALTH**  
**SCIENCES :: AP :: VIJAYAWADA**  
**B.Sc(Nursing) DEGREE EXAMINATIONS –**  
**JUNE, 2011**  
**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**

3) Write any TWO of the following:  $2 \times 10 = 20$

a) Classify Diuretics. Write clinical uses adverse effects &

Nurses responsibility of Lasix.

b) Enumerate Analgesics. Write the pharmacodynamics,

Indications, Contra indications and the nurses Responsibilities.

c) Enumerate Oral hypoglycemic drugs. Write their clinical uses adverse effects and nurses

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responsibilities.

4) Write short notes on any THREE of the following:

3x6=18

- a) Theophyllin
- b) Amoxicillin
- c) Omeprazole
- d) Vitamin D
- e) Commonly used purgatives

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

**PATHOLOGY – 25 MARKS**

9) Write any TWO of the following:  $2 \times 8 = 16$

- a) Describe Odema. Describe the causes of odema.
- b) Describe in detail the pathological condition of pneumonia
- c) Discuss difference between benign and malignant tumour

10) Write short notes on any THREE of the following:

3x3=9

- a) Hydrocephalus
- b) Bleeding Time clotting time
- c) Insitu Carcinoma
- d) Renal Calculi
- e) Phagocytosis

## **GENETICS – 12 Marks**

**Write Short notes on any three of the Following**

3x4=12

- a) Inborn errors metabolism
- b) Name Six autosomal recessive disorder
- c) Consanguinity autopsy
- d) Effects of Radiation on Genes.
- e) Infertility

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