

**Q.P. CODE: DR NTR UNIVERSITY OF
HEALTH SCIENCES :: AP :: VIJAYAWADA
B.Sc(Nursing) DEGREE EXAMINATIONS –
JUNE, 2010
SECOND YEAR EXAMINATION - 4 YDC
PHARMACOLOGY AND 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 - 38 MARKS

(PHARMACOLOGY)

Write any TWO of the following: 2x10=20

- Enumerate anti-tubercular drugs. Write the mechanism of action, uses and adverse effects of any two of them.
- Classify Broncho dilators. Write the clinical uses, adverse effects and Nurses responsibilities of Theophyllin.
- Enumerate the different routes of drug administration with examples. Write the advantages and disadvantages of any two routes.

Write short notes on any THREE of the following:

3x6=18

- a) Chlorpromazine
- b) Uses of glucocorticoids
- c) Amoxicillin
- d) Metronidazole
- e) Hydrochlorothiazide

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

(Pathology – 25 Marks)

Write any TWO of the following: 8+8=16

- a) Discuss etiology, pathogenesis and pathology of atherosclerosis.
- b) Classify cirrhosis and discuss one of them in detail.
- c) Discuss difference between benign and malignant tumour.

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

- a) In situ carcinoma
 - b) Primary tuberculosis
 - c) Osteoporosis
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- d) Blood grouping and cross matching
- e) Stool examination for occult blood, ova and cyst

(Genetics – 12 Marks)

Write short notes on any THREE of the following:

3x4=12

- a) Karotyping and its advantage in diagnosis of genetic disease
- b) Name six autosomal recessive disorders
- c) What is the impact of genetic conditions on families
- d) Genetic counselling
- e) Prenatal testing and diagnosis

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