

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) Classify Penicillins. Write the mechanism of action, uses and adverse effects of Penicillin G.

Classify antihypertensives. Write the uses and adverse effects of any four of them.

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) Oral anticoagulants

Insulin preparations

Pethidine

Rifampicin

Drug tolerance and dependence

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

(Pathology – 25 Marks)

Write any TWO of the following: 2x8=16

1. Define NEOPLASIA. Discuss difference between benign and malignant tumours.

Define ulcer. Discuss etiology, pathogenesis and pathology of chronic peptic ulcer

Discuss wound healing in detail

Write short notes on any THREE of the following:

3x3=9

2. Miliary Tuberculosis

Renal stones

Bleeding time and clotting time

Physical examination of urine

Exudate

(Genetics – 12 Marks)

Write short notes on any THREE of the following:

3x4=12

3. Causes for spontaneous abortion

Name six autosomal dominant disorders

Down's Syndrome

Characteristics and structure of gene

Congenital abnormalities due to genetic defect

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