

Q.P. CODE:338
DR NTR UNIVERSITY OF HEALTH
SCIENCES :: AP :: VIJAYAWADA
B.Sc(Nursing) DEGREE EXAMINATIONS –
DECEMBER, 2013
SECOND YEAR EXAMINATION - 4 YDC
PHARMACOLOGY, PATHOLOGY &
GENETICS
(NEW SCHEME)

Time: 3 Hours

Max. Marks: 75

Note: 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 an essay on any ONE of the following

- 1) a) Classify Penicillins. Write the mechanism of action, adverse effects and uses of Penicillin G. (4+2+3+4)
- b) Classify Nonsteroidal anti-inflammatory drugs. Write the mechanism of action, adverse effects and uses of aspirin. 13

Write short notes on any THREE of the following:

- 2) a) Prednisolone
 - b) Antacids
-

c) Hormonal contraceptives

d) Bronchodilators

e) Anticoagulants 3x5=15

Write Brief Answers of the following:

3) a) Name two drugs used in the treatment of malaria and write one adverse effect for each

b) Write two advantages and two disadvantages of oral route of drug administration.

c) List four antihypertensive drugs

d) Mention two uses of diazepam

e) Define the following i) Tolerance ii) Dependence
5x2=10

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PART-B (PATHOLOGY & GENITICS)- 37
MARKS

Write any ONE of the following:

1) a) Mention the blood collection methods for pathology, microbiology and biochemistry tests.

b) What is the difference between benign and malignant tumor. 1x9=09

Write short notes on any TWO of the following:

2) a) What is hemoglobin? How do you estimate Hb by cyanmethemoglobin method?

b) Tubercular pleural effusion. 2x5=10

c) Carcinoma cervix

d) Semen analysis

Write Brief Answers of the following:

3) a) Mention steps in Benedicts test

b) Normal RBC & WBC counts

c) Causes of occult blood in stool. $3 \times 2 = 6$

GENETICS - 12 Marks

Write Short notes on any TWO of the following

1) a) Role of nurse in genetic counselling.

b) Inheritance pattern of autosomal disorders

c) Turner's syndrome

d) What are the uses or applications of dermatoglyphics
 $2 \times 4 = 8$

Write Brief Answers of the following:

2) a) Mention four in born errors of metabolism

b) Mention four autosomal dominant disorders $2 \times 2 = 4$
