

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

4) c) List the glucocorticoids. Write the adverse effects and uses of glucocorticoids.

d) Classify nonsteroidal anti-inflammatory drugs. Write the mechanism of action, adverse effects and uses of aspirin.

Write short notes on any THREE of the following:

5. a) Amoxicillin

b) Hormonal contraceptives

- c) Vitamin A
- d) Digoxin
- e) First line antitubercular drugs

Write Brief Answers of the following:

6. a) What is a diuretic? Give two examples
- b) Name two bronchodilators and two antitussives
- c) Name two drugs used in roundworm infestation and two drugs in amoebiasis
- d) Name two antiepileptic drugs and two antipsychotic drugs.
- e) Write two advantages and two disadvantages of intravenous route of drug administration.

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PART-B (PATHOLOGY & GENITICS) - 37 MARKS

Write any ONE of the following:

3. a) Discuss various preservatives, collection methods and analysis of urine sample. 1x9=09

b) What is atherosclerosis? What are the risk factors of atherosclerosis? Add a note on the complications of atherosclerosis.

Write short notes on any TWO of the following:

4. a) Vesicular mole 2x5=10

b) Methods of estimation of clotting and bleeding time

c) Bone healing

d) Tuberculosis

Write Brief Answers of the following:

3. a) Sulpho Salicylic acid test 3x2=6

b) Normal hemoglobin values

c) Types of ESR estimation

GENETICS - 12 Marks

Write Short notes on any TWO of the following

1. a) Down's syndrome 2x4=8

b) Laboratory tests used in genetics

c) Karyotyping

d) Inborn errors in metabolism.

Write Brief Answers of the following:

2. a) Mention four autosomal recessive disorders $2 \times 2 = 4$
- b) Four abnormalities in Turner's syndrome

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