

Q.P. CODE:338
DR NTR UNIVERSITY OF HEALTH
SCIENCES :: AP :: VIJAYAWADA
B.Sc(Nursing) DEGREE EXAMINATIONS –
NOVEMBER, 2010
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. Enumerate the different routes of drug administration with examples. Write the advantages and disadvantages of intravenous route.

a) Enumerate the different routes of drug administration with examples. Write the advantages and disadvantages of intravenous route.

b) Classify anti-malarial drugs. Write the mechanism of action, uses and adverse effects of any two of them.

c) Classify the non-steroidal anti-inflammatory drugs (NSAIDs). Write the uses and adverse effects of aspirin.

**Write short notes on any THREE of the following:
3x6=18**

2. a) Enumerate oral antidiabetic drugs. Write about any two of them.

b) Ciprofloxacin

c) Bronchodilators

d) Frusemide

e) Heparin

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PART-B (PATHOLOGY & GENETICS) – 37
MARKS

(Pathology - 25 Marks)

Write any TWO of the following: 2x8=16

1. a) Define Inflammation. Discuss cellular events of Acute Inflammation.
- b) Name Chronic Obstructive Pulmonary Diseases. Discuss Bronchiectasis.
- c) Discuss Etiology and Pathology of Carcinoma Cervix.

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

2. a) CSF findings in Tuberculous Meningitis
 - b) Hemoglobin Estimation
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- c) Methods of collection of Blood sample for various clinical pathology tests.
- d) Tests for Blood in urine
- e) Types of Carcinoma Breast

(Genetics - 12 Marks)

Write short notes on any THREE of the following:

3x4=12

- 3. a) Mitosis and Meiosis
- b) Cytogenetic disorders involving autosomes.
- c) Sex Chromatin
- d) What are the conditions which affects the foetus during pregnancy(Inflammatory and genetic conditions)
- e) Genetic Counselling.

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