

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

1) Enumerate anti-tubercular drugs. Write the mechanism of action, uses and adverse effects of any two of them.

b) Classify Broncho dilators. Write the clinical uses, adverse effects and Nurses responsibilities of Theophyllin.

c) 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

2) 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

- 1) 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

- 2) Insitu carcinoma
- b) Primary tuberculosis
- c) Osteoporosis
- 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

- 3) 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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