

Q.P. CODE:338
DR NTR UNIVERSITY OF HEALTH
SCIENCES :: AP :: VIJAYAWADA
B.Sc (Nursing) DEGREE EXAMINATIONS –
NOVEMBER, 2017
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:

82) Enumerate NSAIDs. Write the mechanism of action, adverse effects and uses of aspirin. 13

83) Classify antidiabetic drugs. Write mechanism of action, adverse effects and uses of Insulin. 13

Write short notes on any THREE of the following:

84) Digoxin 3x5=15

85) Proton pump inhibitors

86) Bronchodilators

87) Mechanism of action and uses of Penicillin G

88) Diazepam

Write Brief Answers of the following:

89) Name two antiplatelet and two fibrinolytic drugs

5x2=10

90) Advantages and disadvantages of Inhalational route drug administration

91) Name four antihypertensive drugs

92) List the uses of Vitamin D

93) Mention two antimalarial drugs and write one typical adverse effect of each

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PART-B (PATHOLOGY & GENITICS)- 37
MARKS

PATHOLOGY - 25 MARKS

Write any ONE of the following:

94) Mention the methods of collection of blood specimens for various pathological, microbiological and biochemical investigations. 1x9=09

95) Describe the morphology of lung in lobar pneumonia and mention the complications.

Write short notes on any TWO of the following:

96) Methods of blood grouping and crossmatching

2x5=10

97) Primary complex in Tuberculosis

98) C.S.F. Findings in pyogenic meningitis

99) Aortic Aneurysms

Write Brief Answers of the following:

100) Urinary findings in obstructive jaundice 3x2=6

101) Mention the cardinal signs of acute inflammation

102) Mention four indications for bone marrow aspiration

GENETICS - 12 MARKS

Write Short notes on any TWO of the following

103) Role of nurse in genetic counselling 2x4=8

104) Inborn errors of metabolism

105) Karyotyping

Write Brief Answers of the following:

106) Mention four autosomal Recessive Disorders.

2x2=4

107) Mention four maternal infections causing diseases in child.
