

**DR NTR UNIVERSITY OF HEALTH  
SCIENCES :: AP :: VIJAYAWADA  
B.Sc(Nursing) DEGREE EXAMINATIONS –  
NOVEMBER, 2016  
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**

135) Classify drugs used to treat Hypertension. Describe the mechanism action, adverse effects and uses of propranolol. 13

136) Classify Cephalosporins. Discuss the mechanism of action, adverse effects and uses of any one of them. 13

**Write short notes on any THREE of the following:**

137) Newer insulins 3x5=15

138) Lasix

139) Drug Antagonism

140) Antifungal Azoles

141) Laxatives

**Write Brief Answers of the following:**

142) List the advantages and disadvantages of parenteral route 5x2=10

143) Drug treatment of Organothiophosphate poisoning

144) Enumerate the adverse effects of Chlorpromazine

145) List the therapeutic uses of Alcohol

146) Enumerate the side effects of Salbutamol

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**PART-B (PATHOLOGY & GENETICS)- 37  
MARKS**

**PATHOLOGY - 25 MARKS**

**Write any ONE of the following:**

1) Describe cutaneous wound healing by primary intention. Mention the factors influencing wound healing.

1x9=09

2) What is atherosclerosis? Mention the risk factors for Atherosclerosis. What are the complications of Atherosclerosis?

**Write short notes on any TWO of the following:**

3) C.S.F findings in tuberculous meningitis 2x5=10

4) Culture and Sensitivity

5) Bleeding time

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6) Gross and microscopic features of kidneys in chronic pyelonephritis

**Write Brief Answers of the following:**

7) Mention four types of cirrhosis 3x2=6

8) Mention the complications of Bronchiectasis

9) Mention the complications of healing of simple fracture of bone

## **GENETICS - 12 MARKS**

**Write Short notes on any TWO of the following**

10) Down's syndrome 2x4=8

11) Inborn errors of metabolism

12) Role of Folic Acid in Neural tube defects

13) Screening for congenital anomalies in children

**Write Brief Answers of the following:**

14) Mention four prenatal diagnostic tests. 2x2=4

15) Mention four abnormal features in Turner syndrome.

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