

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

108) List the routes of drug administration. Write the advantages and disadvantages of any two of them. Add a note on special drug delivery systems. 13

109) List the glucocorticoids. Write the adverse effects and uses of glucocorticoids. 4+4+5=13

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

110) Antibiotic resistance 3x5=15

111) Tetracyclines

112) Paracetamol

113) Antipsychotic drugs

114) Oral antidiabetic drugs

**Write Brief Answers of the following:**

115) Name two bronchodilators and two antitussives  
5x2=10

116) Name four drugs used in peptic ulcer

117) Name four first line antitubercular drugs

118) List four uses of amoxicillin

119) Define the following:

a) Prodrug

b) Drug dependence

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## **PART-B (PATHOLOGY & GENITICS)- 37 MARKS**

### **PATHOLOGY - 25 MARKS**

**Write any ONE of the following:**

120) Define tumour. What are the differences between benign and malignant tumors? 1x9=09

121) Describe the morphology of liver in alcoholic cirrhosis; mention the manifestations in cirrhosis. 2x5=10

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

122) C.S.F findings in tuberculous meningitis 3x2=6

123) Morphology of Lung in Lobar Pneumonia

124) Cyanmethemoglobin method of Hemoglobin Estimation

125) Differences between Transudate and Exudate

**Write Brief Answers of the following:**

126) Enumerate the complications of Rheumatic Heart Disease 2x2=4

127) List Four indications for Bone Marrow Aspiration

128) Define Reticulocytosis

### **GENETICS - 12 MARKS**

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

129) Klinefelter's Syndrome 2x4=8

130) Sex linked inheritance

131) Maternal drug therapy

132) Huntington's disease

**Write Brief Answers of the following:**

133) Mention four autosomal Recessive Disorders.

2x2=4

134) Mention four maternal infections causing disease in child.

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