

**Q.P. CODE:338**  
**DR NTR UNIVERSITY OF HEALTH**  
**SCIENCES :: AP :: VIJAYAWADA**  
**B.Sc(Nursing) DEGREE EXAMINATIONS –**  
**NOVEMBER, 2014**  
**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**

183) Classify Non-opioid analgesics. Discuss the mechanism of action, therapeutic uses and adverse effects of ASPIRIN.

184) Classify anti leprosy drugs. Discuss the mechanism of action, therapeutic uses and adverse effects of dapsone.

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

185) Therapeutic uses and adverse effects of tetracyclines  
3x5=15

186) Routes of drug administration

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187) Morphine

188) Sedatives

189) Sulfonamides

**Write Brief Answers of the following:**

190) Name any four drugs used in the management of diarrhoea 5x2=10

191) List any four indications for Atropine

192) Enumerate the uses of Frusemide

193) Name four plasma expanders

194) Mention four drugs used in status asthmaticus

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

### **PATHOLOGY - 25 MARKS**

**Write any ONE of the following:**

61) Define oedema. Mention various types of oedema.  
Discuss pathogenesis of renal oedema. 1x9=09

62) Define Bronchial asthma. Write the etiopathology and clinical features of Bronchial asthma.

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

63) Peptic ulcer 2x5=10

64) Blood grouping

65) Aschoff nodule

66) Hydrocephalus

**Write Brief Answers of the following:**

67) Mention four anticoagulants used in blood collection for laboratory tests 3x2=6

68) Enumerate the types of necrosis.

69) Mention four viral infections predisposing for cancer

### **GENETICS - 12 MARKS**

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

70) Inborn errors of Metabolism 2x4=8

71) Huntington's disease

72) Investigation of infertility in female

73) Sex linked inheritance

**Write Brief Answers of the following:**

74) Define Mutation  $2 \times 2 = 4$

75) List the characteristics of genes

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