

Q.P. CODE:338
DR NTR UNIVERSITY OF HEALTH
SCIENCES :: AP :: VIJAYAWADA
B.Sc (Nursing) DEGREE EXAMINATIONS –
NOVEMBER, 2018
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

55) Classify drugs used to treat heart failure. Write mechanism of action, adverse effects and uses of Digoxin.

3+3+3+4

56) List the different routes of drug administration. Write three advantages and three disadvantages of any three routes. Add a note on prodrugs. 2+9+2

Write short notes on any THREE of the following:

57) Ranitidine

58) Hormonal contraceptives

59) Amoxicillin

60) Heparin

61) First line antitubercular drugs

Write Brief Answers of the following:

62) Name two antiepileptics and mention one important adverse effect for each

63) List four drugs used in angina pectoris

64) List four oral antidiabetic drugs each from a different group

65) List four drugs used in bronchial asthma

66) Write four uses of diuretics

PART-B (PATHOLOGY & GENETICS)- 37 MARKS

PATHOLOGY - 25 MARKS

Write any ONE of the following:

67) Define Oedema. Mention various types of Oedema. Discuss pathogenesis of renal Oedema. 1x9=09

68) Define Thrombosis. Explain its causes and mechanism of formation of intravascular thrombus.

Write short notes on any TWO of the following:

69) CSF - indication, collection and analysis of CSF
2x5=10

70) Differences between benign and malignant tumour with suitable examples

71) Describe wound healing

72) Explain etiopathology of renal calculi

Write Brief Answers of the following:

73) Define Lung abscess 3x2=6

74) Define Hydrops fetalis

75) Enumerate the method of collecting urine for routine examination culture, biological tests 2x4=8

GENETICS - 12 MARKS

Write Short notes on any TWO of the following

76) In born errors of Metabolism 2x2=4

77) Down's Syndrome

78) List out any four causes of congenital anomalies

79) Mechanism of Inheritance

Write Brief Answers of the following:

80) Define Mutation

81) Define Eugenics
