

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

Write short notes on any THREE of the following:

- 57) Ranitidine 3+3+3+4
- 58) Hormonal contraceptives 2+9+2

59) Amoxicillin 3x5=15

60) Heparin 5x2=10

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

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PART-B (PATHOLOGY & GENITICS)- 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.
2x5=10

Write short notes on any TWO of the following:

69) CSF - indication, collection and analysis of CSF
3x2=6

70) Differences between benign and malignant tumour

with suitable examples $2 \times 4 = 8$

- 71) Describe wound healing
- 72) Explain etiopathology of renal calculi

Write Brief Answers of the following:

- 73) Define Lung abscess
- 74) Define Hydrops fetalis
- 75) Enumerate the method of collecting urine for routine examination culture, biological tests

GENETICS - 12 MARKS

Write Short notes on any TWO of the following

- 76) In born errors of Metabolism $2 \times 2 = 4$
- 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
