

Q.P. CODE: 171
DR NTR UNIVERSITY OF HEALTH
SCIENCES :: AP :: VIJAYAWADA
B.Sc(Nursing) DEGREE EXAMINATIONS –
JUNE, 2015
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

171) Enumerate general principles in management of poisonings. Discuss the drugs to treat organophosphates insecticide poisoning.

172) Enumerate the macrolide group of antibiotics. Describe their mechanism of action, adverse effects and uses of azithromycin.

Write short notes on any THREE of the following:

173) ~~Insulin preparations 3x5=15~~

174) Aspirin

175) Nifedipine

176) Ampicillin

177) Sublingual route of administration

Write Brief Answers of the following:

178) Enumerate mechanism of action and uses of Cephalexin 5x2=10

179) Name four antiepileptic drugs

180) Enumerate the uses of Ranitidine

181) List the uses of Levodopa

182) Enumerate Antithyroid drugs

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PART-B (PATHOLOGY & GENETICS) - 37
MARKS

PATHOLOGY - 25 MARKS

Write any ONE of the following:

46) Describe methods of collection of CSF for various clinical pathology, biochemistry and microbiology tests. Add a note on normal values. 1x9=09

47) Define cirrhosis of liver. Enumerate the causes of cirrhosis of liver. Discuss briefly the pathogenesis of cirrhosis of liver

Write short notes on any TWO of the following:

- 48) Cutaneous wound healing $2 \times 5 = 10$
- 49) Bronchiectasis.
- 50) Aneurysm
- 51) Breast cancer

Write Brief Answers of the following:

- 52) Different types of blood groups $3 \times 2 = 6$
- 53) Prothrombin time
- 54) Sites of bone marrow aspiration

GENETICS - 12 MARKS

Write Short notes on any TWO of the following

- 55) Mendelian theory of inheritance $2 \times 4 = 8$
- 56) Consanguinity
- 57) Human genome project
- 58) Screening of congenital abnormalities

Write Brief Answers of the following:

- 59) Give four examples for multifactorial disorders
 $2 \times 2 = 4$
- 60) Mention four abnormalities in Down's syndrome.
