

Q.P. CODE:338
DR NTR UNIVERSITY OF HEALTH
SCIENCES :: AP :: VIJAYAWADA
B.Sc (Nursing) DEGREE EXAMINATIONS –
NOVEMBER, 2019
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;

- 1) Classify drugs used to treat peptic ulcer. Write mechanism of action. Uses and adverse effects of Proton pump inhibitors. 13
- 2) Classify oral hypoglycemic drugs. Write the mechanism of action, uses and adverse effects of any one drug. 13

Write short notes on any THREE of the following:

- 3) Probiotics 5
 - 4) Immuno suppressants 5
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- 5) Aspirin 5
- 6) Antitussives 5
- 7) Drug allergy 5

Write Brief Answers of the following:

- 8) List four anthelmintic drugs 2
- 9) List four uses of Atropine 2
- 10) Write four adverse effects of Digoxin 2
- 11) Name two uses and mention two adverse effects of ACE inhibitors 2
- 12) Mention two vaccines and two clinical uses 2

PART-B (PATHOLOGY & GENETICS)- 37 MARKS

PATHOLOGY - 25 MARKS

Write any ONE of the following:

- 13) Define edema. Classify and discuss etiopathogenesis of generalized edema. 09
- 14) Define neoplasia. Discuss the differences between benign and malignant tumors. 09

Write short notes on any TWO of the following:

- 15) Discuss the etiology and morphological features of carcinoma cervix 05
- 16) Discuss the morphological features of chronic glomerulonephritis 05
- 17) Discuss the etiopathogenesis of atherosclerosis 05

18) Discuss wound healing by secondary intention and mention its complications 05

Write Brief Answers of the following:

19) Discuss in brief the importance of prothrombin time 02

20) Mention four anticoagulants used in hematology laboratory 02

21) Mention four casts and crystals found in urine examination with their importance 02

GENETICS - 12 MARKS

Write Short notes on any TWO of the following

22) Discuss sex linked inheritance with examples 04

23) Discuss in brief the effect of maternal nutrition on developmental defects and diseases 04

24) Write in brief about genetic testing 04

25) Discuss Down's syndrome 04

Write Brief Answers of the following:

26) Mention four autosomal dominant disorders 02

27) Write a brief note on genetic counseling 02
