

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. 3+3+4+3=13
- 2) Classify oral hypoglycemic drugs. Write the mechanism of action, uses and adverse effects of any one drug. 3+3+4+3=13

Write short notes on any THREE of the following:

- 3) Probiotics 5
- 4) Immuno suppressants 5

- 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

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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. 9

14) Define neoplasia. Discuss the differences between benign and malignant tumors. 9

Write short notes on any TWO of the following:

15) Discuss the etiology and morphological features of carcinoma cervix 5

16) Discuss the morphological features of chronic glomerulonephritis 5

17) Discuss the etiopathogenesis of atherosclerosis 5

18) Discuss wound healing by secondary intention and mention its complications 5

Write Brief Answers of the following:

19) Discuss in brief the importance of prothrombin time 2

20) Mention four anticoagulants used in hematology laboratory 2

21) Mention four casts and crystals found in urine examination with their importance 2

GENETICS - 12 MARKS

Write Short notes on any TWO of the following

22) Discuss sex linked inheritance with examples 4

23) Discuss in brief the effect of maternal nutrition on developmental defects and diseases 4

24) Write in brief about genetic testing 4

25) Discuss Down's syndrome 4

Write Brief Answers of the following:

26) Mention four autosomal dominant disorders 2

27) Write a brief note on genetic counseling 2
