

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

28) Classify nonsteroidal anti-inflammatory drugs (NSAIDS). Write mechanism of action, uses and adverse effects of aspirin 13

29) Enumerate Aminoglycosides. Write the mechanism of action, adverse effects and uses of Gentamicin
3+3+3+4=13

Write short notes on any THREE of the following:

30) Oral anticoagulants 3x5=15

31) Fluoroquinolones

32) CoX2 inhibitors

33) Loop diuretic (furosemide)

34) Cephalosporins

Write Brief Answers of the following:

35) Name two skeletal muscle relaxants. Mention two uses 5x2=10

36) Name two antitussive agents. Write two adverse effects

37) List four uses of diazepam

38) List four general anaesthetic agents

39) Name two uterine stimulants. Write two uses.

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PART-B (PATHOLOGY & GENITICS)- 37
MARKS

PATHOLOGY - 25 MARKS

Write any ONE of the following:

40) Define necrosis. Discuss in detail the different patterns of necrosis with examples. 1x9=09

41) Define metastasis and discuss the various pathways of spread with examples.

Write short notes on any TWO of the following:

42) Discuss the etiological factors involved in cardiac ischemia and its morphological consequences. 2x5=10

43) Discuss the etiopathogenesis of carcinoma stomach

44) Discuss the peripheral and bone marrow findings in

iron deficiency anaemia

45) Discuss the importance of semen analysis in a case of infertility

Write Brief Answers of the following:

46) Mention the etiological factors involved in fatty liver
3x2=6

47) Mention the morphological features of peptic ulcer

48) Mention the sputum findings in COPD

GENETICS - 12 MARKS

Write Short notes on any TWO of the following

49) Discuss Mendelian theory of inheritance with examples 2x4=8

50) Discuss in brief the effect of maternal age on developmental defects and diseases

51) Write in brief about gene therapy

52) Spontaneous abortion

Write Brief Answers of the following:

53) Mention four autosomal recessive disorders 2x2=4

54) Mention four maternal infections causing diseases in child
