

Second year B.Sc. Nursing Degree Examination – Feb/March 2011

Time: Three Hours

Max. Marks: 75 Marks

Pharmacology, Pathology & Genetics (RS-2 & RS-3)

Q.P. CODE: 1762 & 1763

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary

Use separate answer books for section A and section B

Q.P. Code: 1762 – Section A – PHARMACOLOGY (38 Marks)

LONG ESSAYS (Answer any one)

1 x 10 = 10 Marks

1. Classify Insulins. Mention the therapeutic uses and adverse effects of insulins
2. Enumerate routes of drug administration with examples. Mention the advantages and disadvantages of oral route

SHORT ESSAYS (Answer any four)

4 x 5 = 20 Marks

3. Rifampicin
4. Chloroquine
5. Cetirizine
6. Omeprazole
7. How much drug is needed to prepare 1 in 1000 adrenaline hydrochloride? Mention four uses of adrenaline

SHORT ANSWERS

4 x 2 = 08 Marks

Mention one therapeutic use (clinical condition) & one important adverse effect of the following

8. Methotrexate
9. Metoclopramide
10. Phenytoin
11. Atropine

Q.P. Code: 1763 – Section B – PATHOLOGY (25 Marks)

Use separate answer book

LONG ESSAYS (Answer any one)

1 x 10 = 10 Marks

1. What is thrombosis? Describe the complications of thrombosis
2. What is cirrhosis? Write note on etiopathogenesis of alcoholic cirrhosis

SHORT ESSAYS (Answer any three)

3 x 5 = 15 Marks

3. Physical examination of urine
4. Bleeding and clotting time
5. Osteo sarcoma
6. Cryptorchidism

GENETICS (12 Marks)

SHORT ANSWERS

6 x 2 = 12 Marks

7. Explain types of twins
8. Name any three factors playing a role in chromosomal aberrations
9. Define Karyotyping
10. What is sex chromatin?
11. Name two differences between mitosis and meiosis cell division
12. Define mutation
