

II Year B.Sc. Nursing Degree Examination – Aug / Sep 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 Antihypertensive drugs. Mention the therapeutic uses and adverse effects of ACE inhibitors
2. Classify Penicillins. Mention the mechanism of action, antibacterial spectrum, therapeutic uses and adverse effects of amoxicillin

**SHORT ESSAYS (Answer any four)****4 x 5 = 20 Marks**

3. Therapeutic uses and adverse effects of corticosteroids
4. Oral contraceptives
5. Diclofenal
6. Metronidazole
7. Prepare 100 ml of 1 in 1000 KMNO<sub>4</sub> solu. Mention its uses

**SHORT ANSWERS****4 x 2 = 08 Marks**

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

8. Thiazides
9. Chlorpheniramine maleate
10. Salbutamol
11. Chlorpromazine

**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 atherosclerosis? What are the risk factors of atherosclerosis? Add a note on the complications of atherosclerosis
2. What is the difference between benign and malignant tumour?

**SHORT ESSAYS (Answer any three)****3 x 5 = 15 Marks**

3. Bronchiectasis
4. Collection of CSF specimen
5. What is hemoglobin? How do you estimate Hb by cyanmethemoglobin method?
6. Vesicular mole

**GENETICS (12 Marks)****SHORT ANSWERS****6 x 2 = 12 Marks**

7. Define genetic counseling and two steps taken during the process
8. What are the uses or applications of dermatoglyphics?
9. Name two methods of gene transfer techniques
10. Which are the two types of immunity and what cells are responsible for it?
11. What is the karyotype in turner patients?
12. What is thalassaemia?

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