

**Q.P. CODE: 203010****Reg. No: .....****Second Year B.Sc Nursing Degree Examinations, October 2014****Pharmacology****Time: 3 Hrs****Max. Marks: 75**

- Answer all questions
- Draw diagram wherever necessary

**Essays****(25)**

1. Classify anti hypertensives. Explain the mechanism of action, adverse effects and uses of ACE inhibitors (angiotensin converting enzyme inhibitors). What instructions will you give to a patient, regarding the drug treatment of hypertension. (4+8+5=17)
2. Name four first line anti tubercular drugs and list two adverse effects of any one of them. What advice will you give to a patient regarding the use of anti tubercular drugs. (2+1+5=8)

**Short notes on the following giving emphasis on nursing implications****(5x5=25)**

3. Oral contraceptives
4. Cetirizine
5. Morphine
6. Anti cholinergic drugs
7. Anti platelets

**Dosage calculation****(5)**

8. Dopamine is prescribed for a patient weighing 60 kg at a dose of 3 microgram/kg/minute. You have a solution of 500 ml 5% dextrose with 200mg dopamine. Calculate the rate of flow of the solution in one minute.

**Differentiate between****(4x3=12)**

9. Pharmacodynamics and pharmacokinetics
10. Antiseptics and disinfectants
11. Oral and sublingual routes
12. Lignocaine and halothane

**Define the following****(4x2=8)**

13. Purgatives
14. Teratogenicity
15. Haematinics
16. Expectorant

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