

**Q.P. CODE: 203010****Reg. No:****Second Year B.Sc Nursing Degree Examinations, September 2012****Pharmacology****Time: 3 Hrs****Max. Marks: 75**

- Answer all questions
- Draw diagram wherever necessary

Essays**(25)**

1. Classify penicillins. Explain the mechanism of action, adverse effects and uses of penicillin G. Add a note on chemoprophylaxis. (4+8+5=17)
2. Classify non steroidal anti-inflammatory drugs (NSAIDs). Explain the mechanism of action, adverse effects and uses of aspirin. What instructions will you give to a patient regarding the use of pain killers. (2+4+2=8)

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

3. Chlorpromazine
4. Hormonal contraceptives
5. Bronchodilators
6. Anticoagulants
7. Ranitidine

Dosage calculation**(5)**

8. Calculate the quantity of glucose needed to prepare 750ml of 25% glucose solution.

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

9. Hydrocortisone and prednisolone
10. Oral and parenteral routes of drug administration
11. Insulin and glibenclamide
12. Acetylcholine and adrenaline

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

13. Diuretic
14. Vasopressor
15. Shock
16. Anti helmenthic
