

**Q.P. CODE: 203010****Reg. No:****Second Year B.Sc Nursing Degree Supplementary Examinations May 2017****Pharmacology****Time: 3 Hrs****Max. Marks: 75**

- Answer all questions
- Draw diagram wherever necessary

Essays**(25)**

1. Classify non-steroidal anti-inflammatory drugs. Explain the mechanism of action, adverse effects and uses of aspirin. Add a note on the treatment of salicylate over dosage. (4+9+4)
2. Name four penicillins and four cephalosporins. Describe the precautions to be taken while using antibiotics and what advice will you give to the patient. (4+2+2)

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

3. Phenytoin sodium
4. Uses of β blockers
5. Hormonal contraceptives
6. Oral Anti diabetics
7. Pantoprazole

Dosage calculation**(5)**

8. What quantity of sodium chloride is required to prepare 500 ml of a 5% solution.

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

9. Heparin and warfarin
10. Oral and parenteral route
11. Thiazide diuretics and frusemide
12. Uterine stimulants and relaxants

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

13. Pharmacokinetics
14. Drug antagonism
15. Adverse drug reactions
16. Antibiotic

