

**Q.P. CODE: 203010****Reg. No: .....****Second Year B.Sc Nursing Degree Supplementary Examinations  
October 2018****Pharmacology****(2010 Scheme)****Time: 3 Hrs****Max. Marks: 75**

- Answer all questions
- Draw diagram wherever necessary

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

1. Classify NSAIDs. Write the mechanism of action, uses and adverse effects of aspirin. Add a note on the treatment of paracetamol poisoning (4+9+4)
2. List four hormonal contraceptives. Write their adverse effects. What advice will you give to the lady on oral contraceptive pill. (2+4+2)

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

3. Amoxicillin
4. Ranitidine
5. Furosemide
6. Insulin
7. Diazepam

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

8. Prepare 200 ml of a solution of ammonia containing 4% by weight of ammonia. The strong solution of ammonia contains 32% of ammonia w/w.

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

9. Intramuscular and intravenous route
10. Adrenaline and noradrenaline
11. Penicillin and tetracycline
12. Verapamil and nifedipine

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

13. Adverse drug reactions
14. Coagulants and anticoagulants
15. Bioavailability
16. Prodrug

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