

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

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