

**Q.P. CODE: 203010****Reg. No: .....****Second Year B.Sc Nursing Degree Supplementary Examinations – May 2016****Pharmacology****Time: 3 Hrs****Max. Marks: 75**

- Answer all questions
- Draw diagram wherever necessary

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

1. Classify anti anginal drugs. Explain the mechanism of action, uses and adverse effects of nitrates. What instructions will you give regarding the use of anti anginal drugs for a coronary artery disease patient. (4+8+5=17)
2. Name four gluco-corticoids and mention two uses of any one of them. What advice will you give regarding the complications with its long term use. (3+5=8)

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

3. Dopamine
4. Anti emetics
5. Diazepam
6. Anti leprotic drugs
7. Cholesterol lowering drugs

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

8. Calculate the rate of flow if one litre of 0.9% sodium chloride is to be given intravenously over 6 hours.

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

9. Metformin and glibenclamide
10. Expectorant and anti tussive
11. Bactericidal and bacteriostatic drugs
12. Intravenous and subcutaneous routes

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

13. Drug synergism
14. Chemoprophylaxis
15. Laxatives
16. Bio availability

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