

**Q.P. CODE: 203010**

**Reg. No: .....**

**Second Year B.Sc Nursing Degree Examinations October 2017**

**Pharmacology**

**Time: 3 Hrs**

**Max. Marks: 75**

- Answer all questions
- Draw diagram wherever necessary

**Essays**

**(25)**

1. Classify the  $\beta$  lactam antibiotics with one example each . Explain the mechanism of action, therapeutic uses and adverse effects of penicillin. What precaution do you take while administering penicillin to your patient (4+2+4+4+3)
2. Classify antihypertensive drugs. Mention the adverse effects of any two of them. (4+4)

**Short notes on the following giving emphasis on nursing implications**

**(5x5=25)**

3. Name four oral anti diabetics. What advice will you give to the patient with diabetes mellitus?
4. Uses of prednisolone
5. First line anti tubercular drugs
6. Paracetamol
7. Diazepam

**Dosage calculation**

**(5)**

8. Find the quantity of sodium chloride required for preparing 200ml of a 0.9% solution.

**Differentiate between**

**(4x3=12)**

9. Oral and parenteral routes

10. Cholinergics and anticholinergics

11. Oestrogen and progesterone

12. Emetics and anti-emetics

**Define the following**

**(4x2=8)**

13. Antibiotics

14. Drug

15. Anticoagulants

16. Drug tolerance

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