

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

- Answer all questions
- Draw diagram wherever necessary

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

1. Classify anti tubercular drugs. Discuss the mechanism of action, adverse effects and uses of rifampin/rifampicin. What advice you will give to a patient, regarding the use of anti tubercular drugs. (4+8+5=17)
2. Name four oral hypoglycaemic drugs and two insulin preparations. What advise will you give to a patient, regarding the treatment of diabetes mellitus. (4+2+2=8)

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

3. Oral contraceptives
4. Uses of corticosteroids
5. Aspirin
6. Thyroid supplements
7. Adrenaline

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

8. INJ.regular insulin 20 units s/c od is prescribed for your patient.you are supplied with a vial of regular insulin 40 units/ml.Howmuch amount of insulin would you take in an insulin syringe with 100 divisions/ml

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

9. Pharmacodynamics and pharmacokinetics
10. Antiseptic and disinfectant
11. Uterine stimulants and relaxants
12. Coagulants and anticoagulants

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

13. Adverse effects of drugs
14. Cardio tonics
15. Antimicrobial agents
16. Antidotes

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