

**2010 Scheme****Q.P. CODE: 203010****Reg. No: .....****Second Year B.Sc Nursing Degree Supplementary Examinations  
February 2022****Pharmacology****Time: 3 Hrs****Max. Marks: 75**

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers
- Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers.
- Draw diagram wherever necessary

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

1. Name four glucocorticoids. Explain the mechanism of action, uses and adverse effects of glucocorticoids. Describe briefly on inhalational steroids. (4+3+4+4+2)
2. List the routes of drug administration. Write the advantages and disadvantages of intravenous route. Add a note on special drug delivery systems. (2+3+3)

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

3. Bronchodilators
4. Phenytoin
5. Cephalosporins
6. Calcium channel blockers
7. Chlorpromazine

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

8. A solution contains 40,000 units of penicillin in 1 ml. How much of the solution should be drawn to give a dose of 2 lakh units.

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

9. Morphine and aspirin
10. Adrenaline and noradrenaline
11. Heparin and warfarin
12. Hydrochlorothiazide and frusemide

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

13. Anaesthetic
14. Antibiotic resistance
15. Adverse drug reactions
16. Antiemetic

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