

## 2010 Scheme

**Q.P. CODE: 203010**

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

### **Second Year B.Sc Nursing Degree Supplementary Examinations April 2023**

#### **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. Classify nonsteroidal anti-inflammatory drugs with two examples each. Describe the mechanism of action, uses and adverse effects of aspirin. (5+4+4+4)
2. Enumerate two groups of drugs used in acid peptic disease with two examples each. Explain the mechanism of action, uses and adverse effects of omeprazole. (2+6)

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

**(5x5=25)**

3. Bronchodilators
4. Lignocaine
5. Adrenaline
6. Nitro-glycerine
7. Warfarin

**Dosage calculation**

**(5)**

8. The physician orders, 500 ml of 20% alcohol. How much 95% alcohol is required for it.

**Differentiate between**

**(4x3=12)**

9. Halothane and Nitrous oxide
10. Frusemide and Mannitol
11. Metformin and Gibenclamide
12. Ampicillin and Amoxicillin

**Define the following**

**(4x2=8)**

13. Synergism
14. Pharmacokinetics
15. Tolerance
16. First pass metabolism

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