

**Pharmacology****Time: 3 Hrs****Max. Marks: 75**

- Answer all questions
- Draw diagram wherever necessary

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

1. Classify non-steroidal anti-inflammatory drugs. Explain briefly the mechanism of action, adverse effects and therapeutic uses of aspirin. Add a note on the treatment of paracetamol over dosage (4+9+4)
2. Name four tetracyclines and four aminoglycosides. List the precautions to be taken while using antibiotics and what advice will you give to the patient. (4+2+2)

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

3. Anti-epileptics
4. Uses of atropine and its derivatives
5. Anti-emetics
6. Prednisolone
7. First line anti-tubercular drugs

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

8. What quantity of sodium chloride is required to prepare 500 ml of a 5% solution

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

9. Hydrochlorothiazide and furosemide
10. Oestrogen and progesterone
11. Oral and parenteral routes
12. Coagulants and anticoagulants

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

13. Pharmacokinetics
14. Sedative
15. Adverse drug reactions
16. Disinfectant

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