

Pharmacology

Time: 3 Hrs

Max. Marks: 75

- Answer all questions
- Draw diagram wherever necessary

Essays

(25)

1. Classify penicillins. Explain the mechanism of action, adverse effects and uses of penicillin G. Add a note on chemoprophylaxis. **(4+8+5=17)**
2. Classify non steroidal anti-inflammatory drugs (NSAIDs). Explain the mechanism of action, adverse effects and uses of aspirin. What instructions will you give to a patient regarding the use of pain killers. **(2+4+2=8)**

Short notes on the following giving emphasis on nursing implications

(5x5=25)

3. Chlorpromazine
4. Hormonal contraceptives
5. Bronchodilators
6. Anticoagulants
7. Ranitidine

Dosage calculation

(5)

8. Calculate the quantity of glucose needed to prepare 750ml of 25% glucose solution.

Differentiate between

(4x3=12)

9. Hydrocortisone and prednisolone
10. Oral and parenteral routes of drug administration
11. Insulin and glibenclamide
12. Acetylcholine and adrenaline

Define the following

(4x2=8)

13. Diuretic
14. Vasopressor
15. Shock
16. Anti helmenthic
