

## ESSENTIALS OF PHARMACOLOGY

Marks:50

### 1. MCQs (1X5 = 5)

- a) Which among the following route of drug administration has maximum bioavailability  
(a) Intramuscular (b) Intravenous (c) Subcutaneous (d) Intradermal
- b) Which among the following drugs can be given through sublingual route  
(a) Glyceryltrinitrate (b) Aspirin (c) Propranolol (d) Enalapril
- c) Which of the following drug is a NSAID (Non Steroidal Anti Inflammatory Drug)  
(a) Prednisolone (b) Diclofenac (c) Tramadol (d) Methotrexate
- d) Which among the following is a loop diuretic  
(a) Hydrochlorothiazide (b) Acetazolamide (c) Furosemide (d) Spironolactone
- e) Which among the following drugs is not used for the treatment of gout  
(a) Allopurinol (b) Colchicine (c) Methotrexate (d) Prednisolone

### Short Answer Questions (3X5 = 15)

- 2) Factors modifying drug action
- 3) Briefly describe the drugs used in hypertension
- 4) Enumerate 4 oral iron preparations. List the adverse effects of oral iron therapy

### Long Answer Questions (3X10 = 30)

- 5) Classify opioid analgesics. Discuss the uses, adverse effects and contraindications of Morphine. Outline the treatment of Morphine poisoning (2+2+2+2)
  - 6) Classify drugs used in peptic ulcer. Write the mechanism of action and adverse effects of any two groups of the above drugs (4+3+3)
  - 7) Classify beta blockers. Write the pharmacological actions, therapeutic uses and adverse effects of Propranolol (3+2+3+2)
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