

**A- Give a short account on (20 marks):**

- 1) Disadvantage of oral route of drug administration.
- 2) Plasma protein binding.
- 3) Idiosyncrasy (pharmacogenetics).
- 4) Drugs and Pregnancy.

**B) Write a short note on (30 marks):**

- 1) Contraindications of adrenaline.
- 2) Nursing Implications of dopamine.
- 3) Uses of noradrenaline.
- 4) Side effects of beta adreno-receptors blockers.

**C- Give short account on (30 marks):**

- 1) Acetylcholine reversal.
- 2) Treatment of acute organophosphorus poisoning.
- 3) Uses of atropine.