

**Total Mark -100**

**Syllabus for the post of pharmacist**

**Part 1**

**Mark-50**

1. Introduction for different dosage forms.
2. Packaging of pharmaceuticals.
3. Size reduction.
4. Mixing and homogenization.
5. Processing of tablets.
6. Processing of capsules.
7. Study of immunological products
8. Quality control of drugs.
9. Structure of cell.
10. Elementary tissues of the body..
11. Composition of blood.
12. Nutrition & health classification of foods.

Dispensing pharmacy, Dispensed Medication, Semisolid dosage forms, Sterile dosage forms, Class tests to be conducted for drugs, in different categories Steroidal drugs, Introduction for pharmacology, scope of pharmacology. Drug action on the central nervous system, Antacids, physiological role of histamine and serotonin, Drugs action on the blood and blood forming organs.

**Part 2**

**Marks -50**

1. Disease manifestation.
2. Drug interaction.
  - (a) Definition and introduction
  - (b) Mechanism of drug interaction
  - (c) Drug-drug interaction with reference to analgesics
  - (d) Drug-food interaction
3. Adverse drug reaction:
  - (a) Definition and significance
  - (b) Druginduced diseases and teratogenicity
4. Drugs in clinical toxicity
5. Drug dependence

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