

# कासेरनी अस्तिरेन्ट

भाग (Part II) :-

सेवा सम्बन्धित कार्य-ज्ञान (Job Based - Knowledge)

(२५ प्रश्न × २ अङ्क = ५० अङ्क)

1. **Development of Pharmacy and Drug Legislation in Nepal**
  - 1.1 Development of Pharmacy and Pharmaceutical Institutions in Nepal
  - 1.2 औषधि ऐन, २०३५ :- गुणस्तरीय औषधिको उत्पादन, निकासी, पैठारी, बिक्री वितरण, र संचय सम्बन्धी व्यवस्था, औषधिको वर्गिकरण र नेपालमा प्रतिबन्धित औषधिहरू
  - 1.3 औषधि ऐन, २०३५ र त्यस अन्तर्गत जारी गरिएको देहायका नियमावली तथा संहिताहरू:-
    - औषधि दर्ता नियमावली, २०३८
    - औषधि परामर्श परिषद र औषधि सल्लाहकार समिति गठन नियमावली, २०३७
    - औषधि जांचबुझ तथा निरीक्षण नियमावली, २०४०
    - औषधि स्तर नियमावली, २०४३
    - औषधि उत्पादन संहिता, २०४१
  - 1.4 Use of Pharmacopoeia and pharmacopoeias recognized in Nepal
  - 1.5 National Health Policy and National Drug Policy
2. **Dispensing and Hospital Pharmacy**
  - 2.1 Prescription, proper handling of prescription, Incompatibilities, Adverse drug reactions
  - 2.2 Pharmaceutical dosage forms, Dispensing of pharmaceutical preparations.

लोक सेवा आयोग

नेपाल स्वास्थ्य सेवा, फार्मसी समूह, पाँचौं तह, फार्मसी सुपरभाइजर/गुणस्तर नियन्त्रण सुपरभाइजर/ल्याव असिष्टेण्ट/फार्मसी सहायक पदको खुला र आन्तरिक प्रतियोगितात्मक परीक्षाको पाठ्यक्रम

- 2.3 Pharmaceutical additives
  - 2.4 Roles of Pharmacist in hospital and community, Patient counseling
  - 2.5 National Formulary and Hospital Formulary
  - 2.6 Standard Treatment Schedules and rational use of drugs
3. **Emergency and Pharmaceutical Care**
- 3.1 Basic knowledge of first aid; various medical conditions requiring first aid.
  - 3.2 Principle and strategy of Primary Health Care in context to National Health Policy
  - 3.3 Maternal and Child Health Care
4. **Pharmacognosy**
- 4.1 Drying, storage, and quality control of herbal drugs
  - 4.2 Extraction process and isolation of active ingredients
5. **Pharmaceutical Analysis**
- 5.1 Fundamental titrimetric analysis, acid-base titration.
  - 5.2 Basic principle of spectroscopic methods of analysis, visible and ultra-violet spectroscopy
  - 5.3 Separation techniques, Column, Paper, Thin layer chromatography
  - 5.4 Principles of microbiological assay of antibiotics and vitamins.
  - 5.5 Sampling technique and use of statistics
6. **Pharmacology & Microbiology**
- 6.1 Mechanism and action of drugs, their safety, uses and mode of administration
  - 6.2 Basic knowledge of Pharmacokinetics and pharmacodynamics
  - 6.3 Basic principles of immunology, sterility and pyrogen testing
7. **Inventory Control & Drug Supply Management**
- 7.1 Logistics management and distribution
  - 7.2 Cost recovery drug scheme
  - 7.3 Concept of Essential Drugs
  - 7.4 Storage of drugs