

नेपाल स्वास्थ्य सेवा, फार्मसी समुह, सहायक पाचौं तह,

1. Development of Pharmacy and Drug Legislation in Nepal.
 - (a) Development of Pharmacy and Pharmaceutical Institutions in Nepal.
 - (b) औषधि ऐन, २०३५ :- गुणस्तरीय औषधिको उत्पादन, निकासी, पैठारी, बिक्री वितरण, र संचय सम्बन्धी व्यवस्था, औषधिको वर्गिकरण र नेपालमा प्रतिबन्धित औषधिहरु ।
 - (c) औषधि ऐन, २०३५ र त्यस अन्तर्गत जारी गरिएको देहायका नियमावली तथा संहिताहरु:-
 - 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
 - (d) Use of Pharmacopoeia and pharmacopoeias recognized in Nepal
 - (e) National Health Policy and National Drug Policy
2. Dispensing and Hospital Pharmacy
 - (a) Prescription, Proper handling of prescription, Incompatibilities, Adverse drug reactions.
 - (b) Pharmaceutical dosage forms, Dispensing of pharmaceutical preparations.
 - (c) Pharmaceutical additives.
 - (d) Roles of Pharmacist in hospital and community, Patient counseling
 - (e) National Formulary and Hospital Formulary
 - (f) Standard Treatment Schedules and rational use of drugs.
3. Emergency and Pharmaceutical Care
 - (a) Basic knowledge of first aid; Various medical conditions requiring first aid.
 - (b) Principle and strategy of Primary Health Care in context to National Health Policy
 - (c) Maternal and Child Health Care.
4. Pharmacognosy
 - (a) Drying, storage, and quality control of herbal drugs
 - (b) Extraction process and isolation of active ingredients.
5. Pharmaceutical Analysis
 - (a) Fundamental titrimetric analysis, acid-base titration.
 - (b) Basic principle of spectroscopic methods of analysis, Visible and ultra-violet spectroscopy.
 - (c) Separation techniques, Column, Paper, Thin layer chromatography
 - (d) Principles of microbiological assay of antibiotics and vitamins.
 - (e) Sampling technique and use of statistics.

6. Pharmacology & Microbiology
 - (a) Mechanism and action of drugs, their safety, uses and mode of administration.
 - (b) Basic knowledge of Pharmacokinetics and pharmacodynamics.
 - (c) Basic principles of immunology, sterility and pyrogen testing

7. Inventory Control & Drug Supply Management
 - (a) Logistics management and distribution.
 - (b) Cost recovery drug scheme
 - (c) Concept of Essential Drugs
 - (d) Storage of drugs