

Pokhara University Teaching Hospital
Curriculum for Pharmacy Assistant (Head Assistant) Level Examination

For Written Examination
Full Marks: 65

There shall be 3 hrs. written examination based on the following syllabus

Group A: Written Examination

65 Marks

1. Pharmacy education, Pharmaceutical Institution in Nepal and Drug Legislation in Nepal (10)

History of Pharmacy education and present scenario, Role of various Universities in Pharmacy education, Drug Act, National Health Policy, National Drug Policy, Nepal Pharmacy Council, APPON

2. Pharmaceutics, Microbiology and Immunology (10)

Dosage form and Drug delivery System, Compounding, Problems during formulations, Pathogenic microorganisms, Microbial contamination test, Sterilization, Fundamentals of Immunology

3. Hospital, Clinical and Community Pharmacy (20)

Components of Prescription, Patient Counseling, Dosage Adjustment in special cases, Hospital Formulary, Role of Pharmacists in Hospital and Community, Drug Supply Management, Essential Drugs List, Rational use of drugs, Drug Interactions, Polypharmacy, Pharmacovigilance

4. Pharmacology and pharmacotherapeutic (15)

Pharmacokinetics, Pharmacodynamics, Mechanism of action of drugs, Uses, Dose, Adverse drug reaction, Drug interactions, Toxicology

5. Pharmacognosy and Pharmaceutical Analysis (5)

Crude drug, Extraction and Isolation of active ingredients, Quality Control, Various analytical techniques

6. General (5)

Communication skills, Health Management Information System, Administrative skills

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For Practical Examination

Full Marks: 35

Practical examination based on the following syllabus

Group B: Practical Examination

35 Marks

1. **Laboratory safety rules and regulations, Handling of chemicals, glassware, medical equipment (5)**
2. **Storeroom Arrangement, Inventory control of drugs (5)**
3. **Preparation of common dosage form; Tablets, Hard Gelatin Capsules, Divided Powders etc. (5)**
4. **Preparation of SOPs of medical equipment and instruments (5)**
5. **Preparation of Hospital Formulary, Standard Treatment Guidelines (5)**
6. **Dispensing Protocol of anticancer drugs, Narcotic and Psychotropic drugs (5)**
7. **Prescription handling, Patient Counselling, Use of Counselling Aids (Placebo devices, Inhalers, Pessaries, etc.), ADR reporting (5)**
