

Course of study for the post Lab Technician/Junior Technician (JT) having the degree of I.Sc. Ag. Plant Science/Animal Science/Forestry

(क) प्रथम पत्र : सामान्य ज्ञान (वस्तुगत प्रश्न)

पूर्णाङ्क : ५०

नेपालको भौगोलिक, ऐतिहासिक, राजनैतिक, प्रशासनिक, आर्थिक, सामाजिक, सांस्कृतिक, शैक्षिक अवस्था सम्बन्धी सामान्य ज्ञान, विश्वका विविध पक्ष र महत्वपूर्ण समसामयिक घटनाहरू सम्बन्धि सामान्य जानकारी एवम् पद अनुसारको विषयसँग सम्बन्धित सामान्य ज्ञान ।

(ख) द्वितीय पत्र : सेवा समुह/पदसँग सम्बन्धित र विश्वविद्यालय ऐन, नियम र संगठन सम्बन्धि ज्ञान

(विषयगत प्रश्न)

पूर्णाङ्क : ५०

A. Major Responsibilities in Laboratory and farm

- Name of lab equipments, / farm implements/ tools of works or practical
- Name of activities carried out in lab or farm
- Cleanliness and creating working environment
- Duty & Responsibilities of Laboratory boy/ farm assistant / field man - Implement & Monitor safe working practice and investigate laboratory accidents
- Precaution to be taken for handling of lab equipments/ farm implement
- Inspection for equipment and reagents

B. Code of Conducts of Professional laboratory boy and field man

- Professional skill, care and Judgment
- Quality & Integrity of Laboratory Services
- Relation between Laboratory boy, field man with students or clients

C. Record keeping for the management of Lab/ farms:

- Keeping record of equipments coming from store
- Issuing the equipments to students for research, practical, laborers or operation
- Maintenance and management of equipments
- Student clearance after the end of the degree

D. Safety in Laboratories

- Common Laboratory hazards
- Code of safety Laboratory practice
- Personal safety measures & its precaution
- Accident in the laboratories & its prevention method

E. Importance of Laboratory practice

- Quality of Laboratory Practice
- Efficiency in Laboratory practice
- Cost effectiveness, Planning & Management of health care

1. I. Sc. (Agriculture)

- 1.1 Extension and community development
- 1.2 Agribusiness management and cooperative
- 1.3 Principles and practices of agronomy
- 1.4 Soil management, conservation and environmental science
- 1.5 Agronomical crop production
- 1.6 Plant breeding and seed production technology
- 1.7 Commercial vegetable production
- 1.8 Ornamental horticulture and nursery management
- 1.9 Fruits and plantation crop production
- 1.10 Plant protection
- 1.11 Post-harvest technology
- 1.12 Industrial entomology and mushroom cultivation
- 1.13 Medicinal and non-timber forest products
- 1.14 Aquaculture and fisheries
- 1.15 Fundamentals of animal husbandry
- 1.16 Statistics and computer application

2. I. Sc. Animal science

- 2.1 Introductory plant science
- 2.2 Animal nutrition and fodder production
- 2.3 Animal housing and environmental science
- 2.4 Animal health
- 2.5 Sheep, goat and swine production
- 2.6 Commercial dairy farming
- 2.7 Dairy and dairy product technology

- 2.8 Poultry entrepreneurship
- 2.9 Veterinary laboratory technique
- 2.10 Animal breeding and artificial insemination
- 2.11 Equine, rabbit and pet animals

3. I. Sc. Forestry

- 3.1 Forest surveying and engineering
- 3.2 Silviculture
- 3.3 Wide life and protected area management
- 3.4 Integrated watershed management
- 3.5 Community forestry
- 3.6 Forest measurement
- 3.7 Forest management
- 3.8 Forest harvesting and utilization
- 3.9 Agro forestry
- 3.10 Forest protection
- 3.11 Non timber forest products (NTFPs)
- 3.12 Forestry extension
- 3.13 Forest policy, law and office management
- 3.14 Entrepreneurship development

- कृषि तथा वन विज्ञान विश्वविद्यालय ऐन - २०६७
- कृषि तथा वन विज्ञान विश्वविद्यालय संगठन र शैक्षिक प्रशासन नियमावली - २०६९
- कृषि तथा वन विज्ञान विश्वविद्यालय शिक्षक कर्मचारी सेवा नियमावली - २०६९
- कृषि तथा वन विज्ञान विश्वविद्यालय आर्थिक प्रशासन नियमावली - २०६९