

**Alital Rural Municipality
Dadeldhura**

Exam Syllabus for Engineer

S.N	Exam	Type	Marks	Time	Full Mark
1	Short listing				15
2	Written	Objective	30	1.5 Hrs	50
		Subjective/numerical	20		
3	Interview	Interview/presentation		≅ 20 Minutes	35

Note : 20 % will be deducted for every wrong answer in multiple choice questions.

Contents:

I. Maps, Surveying & Methodology

- Introduction
- Introduction of Surveying
- First layout of scheme and its process and importance
- Survey methods
- Contour

II. Water supply, Irrigation and Environment Sanitation Engineering

- Survey and WS design, structures
- Estimate and costing
- Environmental sanitation
- Concept of operation and maintenance and its management
- Water Safety Plan and its implementation
- Source Improvement, protection & conservation
- Measurement book
- Climate Change and Adaptation
- DRR

III. Construction Materials, Quality and community procurement process

IV. Construction Management including community action plan

V. Renewable Energies and Livelihood infrastructures

VI. Introduction to Building Construction and Highway