

द्वितीय पत्र :- प्राविधिक विषय

1. Introduction
 - 1.1 Role of Engineering Geology in planning, design, construction and maintenance of infrastructures
 - 1.2 Scope and Objectives of Engineering Geology
 - 1.3 Importance of Engineering Geological Studies in Nepal
2. General Geology
 - 2.1 Geology of Nepal Himalaya and Status of Geological Mapping in Nepal
 - 2.2 Stratigraphy and Global Tectonics
 - 2.3 Relevance of Geology for engineering design
3. Geological Data Collection
 - 3.1 Reconnaissance, Feasibility, Detail Investigations
 - 3.2 Reliability, applications and utilization of field data in design
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 - 4.1 Use of different natural materials as Construction Materials
 - 4.2 Their Classification systems and applicability
 - 4.3 Selection Criteria
5. Engineering Geology with reference to different phases of engineering works
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 - 6.1 Use of Tunnels for various projects
 - 6.2 Tunneling Techniques
 - 6.3 Problems encountered during tunneling in Nepal
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लोक सेवा आयोग
नेपाल इन्जिनियरिङ्ग सेवा, जियोलोजी समूह, इन्जिनियरिङ्ग जियोलोजी उप-समूह राजपत्राङ्कित प्रथम श्रेणी,
सहसचिव वा सो सरह पदको खुला तथा आन्तरिक प्रतियोगितात्मक लिखित परीक्षाको पाठ्यक्रम

8. Policies, Program and Activities

8.1 Government Policies, Strategy and Programs to Water Resources
Development Projects, their promotion from Government and Private Sectors

8.2 Current and Preceding Periodical Plans

9. Project Planning and Evaluation

9.1 Project Identification, Project Formulation, Appraisal, Implementation,
Supervision, Monitoring and Evaluation

9.2 Project Planning, Budgeting and Resource Mobilization

9.3 Project Management, Leadership, Decision Making and Contract Negotiation

9.4 Project Reporting
