

प्रदेश लोक सेवा आयोग, लुम्बिनी प्रदेश

प्रदेश निजामती सेवा अन्तर्गत वन सेवाका जनरल फरेष्ट्री, फरेष्ट रिसर्च र स्वायल एण्ड वाटर कन्जरभेशन समूहका

अधिकृत सातौं तहका पदहरूको खुला र अन्तरतह प्रतियोगितात्मक परीक्षाको पाठ्यक्रम

यस पाठ्यक्रम योजनालाई दुई चरणमा विभाजन गरिएको छ :

प्रथम चरण:- लिखित परीक्षा (Written Examination)

पूर्णाङ्क:- २००

द्वितीय चरण:- क) सामूहिक परीक्षण (Group Test)

पूर्णाङ्क:- १०

ख) अन्तर्वार्ता (Interview)

पूर्णाङ्क:- ३०

परीक्षा योजना (Examination Scheme)

प्रथम चरण : लिखित परीक्षा (Written Examination)

पूर्णाङ्क :- २००

पत्र	विषय	खण्ड	पूर्णाङ्क	उत्तिर्णाङ्क	परीक्षा प्रणाली		प्रश्नसंख्या X अङ्क	समय
प्रथम	General Subject	Part I: General Awareness & General Reasoning Test	१००	४०	वस्तुगत (Objective)	बहुबैकल्पिक प्रश्न (MCQs)	५० प्रश्न X १ अङ्क	१ घण्टा ३० मिनेट
		Part II: General Technical Subject					५० प्रश्न X १ अङ्क	
द्वितीय	Technical Subject		१००	४०	विषयगत (Subjective)	छोटो उत्तर लामो उत्तर	४ प्रश्न X ५ अङ्क ८ प्रश्न X १० अङ्क	३ घण्टा

द्वितीय चरण : सामूहिक परीक्षण (Group Test) र अन्तर्वार्ता (Interview)

पूर्णाङ्क :- ४०

पत्र / विषय	पूर्णाङ्क	परीक्षा प्रणाली	समय
सामूहिक परीक्षण (Group Test)	१०	सामूहिक छलफल (Group Discussion)	३० मिनेट
अन्तर्वार्ता (Interview)	३०	बोर्ड अन्तर्वार्ता (Board Interview)	-

द्रष्टव्य :

- लिखित परीक्षको माध्यम भाषा नेपाली वा अंग्रेजी अथवा नेपाली र अंग्रेजी दुवै हुनेछ ।
- प्रथम र द्वितीय पत्रको लिखित परीक्षा छुट्टाछुट्टै हुनेछ ।
- वस्तुगत बहुबैकल्पिक (Multiple Choice) प्रश्नहरूको गलत उत्तर दिएमा प्रत्येक गलत उत्तर वापत २० प्रतिशत अङ्क कट्टा गरिनेछ । तर उत्तर नदिएमा त्यस वापत अङ्क दिइनेछैन र अङ्क कट्टा पनि गरिने छैन ।
- बहुबैकल्पिक प्रश्नहरू हुने परीक्षामा कुनै प्रकारको Memory युक्त विद्युतीय उपकरण जस्तै: मोबाइल फोन, क्याल्कुलेटर (Calculator), Smart घडी जस्ता वस्तुहरू प्रयोग गर्न पाइने छैन ।
- विषयगत प्रश्नहरूको हकमा तोकिएको अंकको एउटा लामो प्रश्न वा एउटै प्रश्नका दुई वा दुईभन्दा बढी भाग (Two or more parts of a single question) वा एउटा प्रश्न अन्तर्गत दुई वा बढी टिप्पणीहरू (Short notes) सोध्न सकिनेछ ।
- द्वितीय पत्रमा विषयगत प्रश्न हुनेका हकमा प्रत्येक खण्ड Section का लागि छुट्टाछुट्टै उत्तरपुस्तिकाहरू हुनेछन् । परीक्षार्थीले प्रत्येक खण्डका प्रश्नहरूको उत्तर सोही खण्डको उत्तरपुस्तिकामा लेख्नुपर्नेछ ।
- यस पाठ्यक्रम योजना अन्तर्गतका पत्र/विषयका विषयवस्तुमा जेसुकै लेखिएको भएतापनि पाठ्यक्रममा परेका कानून, ऐन, नियम तथा नीतिहरू यो पाठ्यक्रम स्वीकृत हुँदा कायम रहेकालाई यस पाठ्यक्रममा परेको सम्झनुपर्नेछ ।
- प्रथमचरणको परीक्षाबाट छनौट भएका उम्मेदवारहरूलाई मात्र द्वितीय चरणको परीक्षामा सम्मिलित गराइनेछ ।
- पाठ्यक्रम लागु मिति:- २०८०/१२/२०

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प्रथम पत्र (Paper I): General Subject

Part (I): - General Awareness & General Ability Test (50 Marks)

1. **General Awareness and Contemporary Issues** (25 ×1 Mark = 25 Marks)
 - 1.1 Physical, socio-cultural and economic geography and demography of Nepal
 - 1.2 Major natural resources of Nepal
 - 1.3 Geographical diversity, climatic conditions, and livelihood & lifestyle of people
 - 1.4 Notable events and personalities, social, cultural and economic conditions in modern history of Nepal
 - 1.5 Current periodic plan of Nepal and Lumbini Province.
 - 1.6 Information on sustainable development, environment, pollution, climate change, biodiversity, science and technology
 - 1.7 Nepal's international affairs and general information on the UNO, SAARC & BIMSTEC
 - 1.8 The Constitution of Nepal (From Part 1 to 5, 20 and 26 and Schedules)
 - 1.9 Governance system and Government (Federal, Provincial and Local)
 - 1.10 Provisions of civil service act and regulation relating to constitution of civil service, organizational structure, posts of service, fulfillment of vacancy and code of conduct
 - 1.11 प्रदेश निजामती सेवा ऐन, २०८० र प्रदेश निजामति सेवा नियमावलि, २०८०
 - 1.12 सार्वजनिक खरिद ऐन, २०६३ र सार्वजनिक खरिद नियमावली, २०६४
 - 1.13 प्रदेश सुशासन ऐन, २०७६ र प्रदेश सुशासन नियमावली, २०७७
 - 1.14 Functional scope of public services
 - 1.15 Public Service Charter
 - 1.16 Concept, objective and importance of public policy
 - 1.17 Fundamentals of management: planning, organizing, directing, controlling, coordinating, decision making, motivation and leadership
 - 1.18 Government planning, budgeting and accounting system
 - 1.19 Major events and current affairs of national and international importance
2. **General Reasoning Test** (25 ×1 Mark = 25 Marks)
 - 2.1 **Logical Reasoning** (9×1 Mark = 9 Marks)

Verbal Ability, Alphanumeric Series, Reasoning Analogies, Classification, Coding-Decoding, Order & Ranking, Direction and Distance, Analytical and Logical Reasoning, Assertion and Reason, Statement and Conclusions, Input-Output, Venn-diagram
 - 2.2 **Numerical Reasoning** (8×1 Mark = 8 Marks)

Arithmetic Series, Analogy, Classification, Arithmetical reasoning, Fraction, Percentage, Ratio, Average, Profit & Loss, Time & Work, Date & Calender, Data Sufficiency, Data interpretation & Data verification

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2.3 Spatial Reasoning (8×1 Mark = 8 Marks)

Figure Series, Figure Analogy, Figure Classification, Figure Matrix, Pattern Completion, Embedded Image Formation & Analysis, Mirror and Water images, Cubes and Dices, Paper Folding & Cutting

Part (II): - General Technical Subject (50 Marks)

1. **Silviculture** (5 Marks)
 - 1.1 Common silvicultural terms
 - 1.2 Forest types of Nepal
 - 1.3 Concept and principle of forest ecosystem, normal forest and locality factors
 - 1.4 Silvicultural practices adopted for the management of different categories of forests (e.g. community forests, collaborative forests, block forest, leasehold forests, religious forests, plantation forests, natural forests)
 - 1.5 Seed collection, handling, storage and certification
 - 1.6 Principles and practices of natural and artificial regeneration, various techniques of plant propagation, plantation establishment at different sites, types of tending operation and forest rotations
 - 1.7 Principles and methods of tree improvement
 - 1.8 Silviculture of commercial tree species of Nepal

2. **Forest Management** (5 Marks)
 - 2.1 Understanding about common forest management terms.
 - 2.2 Principles and practices of management of different types of natural and manmade forests in general and in Nepal in particular
 - 2.3 Principles and practices of tree and forest measurement; diameter and height measurement; volume calculation of standing trees, logs and converted timber; measurement of growing stock and yield regulation
 - 2.4 Concepts and methods of timber stand improvement and shrubland management
 - 2.5 Protection of forests from fire, grazing, illegal felling, disease and pest, forest encroachment and invasive species
 - 2.6 Preparation and implementation of forest operational plan and forest management plans
 - 2.7 Principles and methods of community-based forest and natural resource management systems in Nepal
 - 2.8 Contemporary issues in Community, collaborative and leasehold forestry. Methods and approaches to inventory of forest and various NTFPs

3. **Forestry Research** (5 Marks)
 - 3.1 Concept and methods of experimental design (Blocking, replications, treatments and randomization)
 - 3.2 Designs used in forestry experiments- Randomized block design, Split plot design, factorial designs
 - 3.3 Statistical methods used in forestry research – statistical parameters, F-test, t- test, analysis of variance, covariance analysis, correlation and regression.
 - 3.4 Theory and principles of tree selection, progeny and provenance trial
 - 3.5 Tools and techniques of socio-economic surveys – PRA, RRA, D&D
 - 3.6 Preparation of simple experimental protocols for forestry research

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3.7 Theory and skills in review of literature, field data collection, analysis, report writing and referencing

4. **Forest resource surveying and mapping** (5 Marks)

4.1 Forest statistics of Nepal

4.2 Principles and methods of forest sampling– size, intensity, unit, simple random sampling, stratified random sampling, systematic sampling

4.3 Principles of forest biometrics, tree and forest growth models, volume and yield tables

4.4 Principles, tools and techniques used in Remote Sensing, GIS and photo interpretation

4.5 Use of surveying and mapping instruments and preparation of forest maps

4.6 Theory and practice of National Forest Inventory and role of ground verification

5. **Soil Conservation** (5 Marks)

5.1 Soil types, formation and profile, physical and chemical properties and classification

5.2 Land use and land capability classification

5.3 Concept of hydrological cycle

5.4 Types of soil erosions and their preventive and control measures

5.5 Soil and water conservation structures - breast walls, retention wall, check dams, ponds, slope stabilization, methods of top soil cover, roadside stabilization

5.6 Bioengineering, low cost techniques of soil conservation, soil fertility and indigenous soil fertility management practices in Nepal

5.7 Concepts and basics of soil loss assessment and soil analysis

6. **Watershed management** (5 Marks)

6.1 Concept and approaches to sustainable watershed management

6.2 Identification, planning and management of micro and macro watershed areas

6.3 Interrelationship between forestry, agriculture, livestock and development & infrastructure activities with respect to integrated watershed management

6.4 Early warning and prevention from natural hazards, measuring water discharge, water quality analysis and checking water runoff and erosions.

6.5 Concept and approaches to water harvesting and conservation farming

6.6 Agroforestry systems and practices in Nepal. Criteria for selection of fuel wood, fodder, bamboo and other NTFP species and their production techniques for rural income and employment for poverty reduction

6.7 Participatory approaches to soil and watershed management

7. **Planning and management of National Parks and Protected Areas** (5 Marks)

7.1 Concepts, approaches and evolution in Protected Area management systems

7.2 Status and classification of Protected Areas in Nepal (National Park, Conservation Area, Hunting reserves, Wildlife Reserve, Buffer Zone)

7.3 Preparation and implementation of management plans for different types of Protected Areas. Principles and practice of eco-tourism, visitors' management, conflict resolution and monitoring of Protected Areas and wildlife census

7.4 Conservation education, motivation, communication, exhibition and public relations

7.5 Fundamentals of ecosystems (population ecology, population density, carrying capacity, population census, predation, reintroduction and relocation)

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8. **Management of specific habitat and biodiversity conservation** (5 Marks)
- 8.1 Landscape level conservation and ecosystem services
- 8.2 Approaches for in-situ and ex-situ biodiversity conservation at ecosystem, species and genetic level
- 8.3 Geographical distribution, habitat and behavior of common and endangered wild mammals, birds, reptiles, insects and fish in Nepal.
- 8.4 Types of wildlife habitats, habitat analysis and management techniques
- 8.5 General understanding about IUCN red list, Environmental Assessment (EIA, IEE, Short report)
- 8.6 Strategy and Action Plans for the management of rare and endangered wildlife species of Nepal (including Tiger, Rhino, Elephant, Snow leopard, Pangolin, Red Panda, Gharial)
9. **Forest Utilization** (5 Marks)
- 9.1 Timber and non-timber forest products of economic importance in Nepal
- 9.2 Forest based industries in Nepal
- 9.3 Management, collection, processing and marketing of high value NTFPs in Nepal, value chain of high value wood and non-wood products
- 9.4 Role and function of private sector, cooperatives and parastatal institutions
- 9.5 Scope and potential role of different forest products in poverty reduction
10. **Current Forestry Sector Policy, Strategy, Acts, Regulations, Guideline and Directives** (5 Marks)
- 10.1 Forest Act, 2076 and Regulation 2077
- 10.2 Province Forest Act, 2078 and Regulation 2079
- 10.3 Buffer Zone Management Regulations, 2052
- 10.4 Environment Protection Act, 2076 and Regulation 2077
- 10.5 Province Environment Protection Act, 2077 and Regulation 2077
- 10.6 Soil and Water Conservation Act, 2039
- 10.7 National Parks and Wildlife Conservation Act, 2029 and Regulation, 2030
- 10.8 National Biodiversity Strategy and Action Plan, 2014
- 10.9 National Forest Policy, 2075 and Forest Sector Strategy, 2072
- 10.10 REDD strategy, 2018
- 10.11 Climate Change Policy, 2076
- 10.12 National Adaptation Plan of Action, 2010
- 10.13 Nationally Determined Contributions, 2016
- 10.14 CITES Act, 2073
- 10.15 Wetland Policy, 2069
- 10.16 वन पैदावार आपूर्ती समिति सञ्चालन कार्यविधि, २०७९
- 10.17 वन संबर्द्धन प्रणालीमा आधारित वन व्यवस्थापन मापदण्ड, २०७९ (लुम्बिनी प्रदेश)
- 10.18 ब्यवसायिक रूपमा वन्यजन्तुको पालन, प्रजनन तथा उपयोग सम्बन्धी मापदण्ड, २०८०
- 10.19 सामुदायिक वन विकास कार्यक्रमको मार्गदर्शन, २०६५
- 10.20 राष्ट्रिय प्राथमिकता प्राप्त योजनाका लागि राष्ट्रिय वन क्षेत्र प्रयोग गर्ने सम्बन्धी मापदण्ड सहितको कार्यविधि, २०७६
- 10.21 वन्यजन्तुबाट भएको क्षतिको राहत वितरण निर्देशिका, २०८०

द्वितीय पत्र (Paper II) : Technical Subject
Section (A) - 60 Marks

1. **Sustainable Forest Resource Management** (25 Marks)
 - 1.1 Forests and forest types of Nepal
 - 1.2 General principles of sustainable forest management (SFM); concept and approaches, principle, criteria and indicators, forest certification
 - 1.3 Historical perspectives of forest management in Nepal
 - 1.4 Principles and practices of silviculture including forest regeneration, plant propagation, nursery practice, growth and yield modeling, silvicultural systems, tending operations
 - 1.5 Drivers of deforestation and degradation in Nepal and recommended mitigation measures
 - 1.6 Forest management practices adopted in different forest types, emerging issues, Opportunities and threats in Nepal
 - 1.7 Community based forest management systems in Nepal (community forest, collaborative, forest, pro-poor leasehold forest, religious forest, buffer zone forest): policies, institutions and operational modalities
 - 1.8 Scope and opportunities of urban forestry
 - 1.9 Importance of human resource development for sustainable forest management
 - 1.10 Role of Non-Timber Forest Products (NTFPs) in local livelihoods and national economy
 - 1.11 Issues and challenges in production, processing, trade, domestication and commercialization of high value NTFPs in Nepal
 - 1.12 General concept on forestry project formulation, project valuation and project management
 - 1.13 Contribution of forestry sector in national economy
 - 1.14 Demand and supply situation of forest products in Nepal (production sources and value chains);
 - 1.15 Role and importance of private sector involvement in forestry business
 - 1.16 Carbon sequestration in the context of climate change
 - 1.17 Forest Certification
2. **Forest Resource Survey, Inventory and Research** (25 Marks)
 - 2.1 Basic principles of statistics: measure of central tendency, coefficient of variation, standard error of mean, measure of skewness, continuous and discrete variables
 - 2.2 Forest statistics of Nepal
 - 2.3 Basic knowledge on computer based statistical packages, data processing and analysis
 - 2.4 Basic principles, practices and techniques used in Remote Sensing (RS) and GIS in forest management planning including land use and land cover changes detection
 - 2.5 Principles and practices of forest resource surveys, inventory and mapping
 - 2.6 Principles and applications of experimental design in forestry research
 - 2.7 Importance of forest genetics and tree improvement in natural and artificial forest resource management
 - 2.8 Research, extension and development linkages in forestry
 - 2.9 Measuring trees and forest in the natural stand and plantations
 - 2.10 Inventory techniques of Non-timber Forest Products
 - 2.11 Principles and practices of parametric and non-parametric statistical tests used in forestry research
 - 2.12 Principles and practices of forest surveying

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- 2.13 Principles of forest biometrics, tree and forest growth models and preparation of volume tables, yield table and biomass tables
- 2.14 National Forest inventory, procedures used in planning, management, field data collection, data compilation and presentation in forest surveying
- 2.15 Importance of forestry research and associated issues in forest management and silviculture, biodiversity conservation, tree improvement and agroforestry, soil and water conservation, protected areas and wildlife management, NTFPs and other forestry related areas
- 2.16 Types of research (basic research, adaptive research, action research), and advantages/disadvantages and their limitations, basics of forestry research planning, design and field implementation
- 2.17 Research on socio-economic and policy aspects of forests, wildlife and watershed management, wildlife census, monitoring and camera trapping

3. Crosscutting issues in forestry sector of Nepal

(10 Marks)

- 3.1 Initial Environment Examination, Environmental Impact Assessment and Strategic Environmental Assessment in conservation and development related projects
- 3.2 Research and extension in forestry sector
- 3.3 Forest and wildlife crime and law enforcement, legal procedures and provisions
- 3.4 Climate change, mitigation and adaptation measures
- 3.5 Monitoring and evaluation based on outcomes and impacts
- 3.6 Bottom-up planning process, project cycle and logical framework approach
- 3.7 International conventions, agreements, treaties and protocols related to forests, biodiversity conservation, climate change, land degradation such as UNFCCC, UNCCD, CBD, CITES, RAMSAR
- 3.8 Roles and scopes of national and international conservation partners
- 3.9 Role of conservation education, extension and awareness, outreach and communication, and media roles in conservation
- 3.10 Gender and social inclusion
- 3.11 Forestry sector governance
- 3.12 Organizational structures of government and its roles in forest conservation and management
- 3.13 Disaster risk reduction: earth quake, forest fire, landslides and floods
- 3.14 Sustainable Development Goals (SDGs)/ Global Forest Goals
- 3.15 Quasijudicial body and functions in forestry sector
- 3.16 Carbon trade

Section (B) - 40 Marks

4. Soil Conservation and Watershed Management

(25 Marks)

- 4.1 Concept of soil conservation and watershed management
- 4.2 Understanding the concept of soil and water conservation in different ecological zones of Nepal
- 4.3 Natural and man-made erosion, mass movement, landslides, slope failure and factors responsible for water induced erosion
- 4.4 Preventive and rehabilitative measures for soil conservation methods and tools
 - 4.4.1 Contour trenching, bunding, diversion channels, gully plugging, shelter belt, green belt, contour planting, wattling, fascining, grass planting, reseeding, maintenance of forest biomass.

प्रदेश लोक सेवा आयोग, लुम्बिनी प्रदेश

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- 4.4.2 Conservation farming, cover cropping, zero tillage, crop rotation, mulching. Green manuring, contour strip cropping, terracing, runoff harvesting and gully plugging
- 4.5 Understanding and use of universal soil loss equation
- 4.6 Bio-engineering techniques and their importance to stabilize slope failure, stream/riverbank cutting, control of erosion along small streams and rivers, improvement of irrigation canals
- 4.7 Principles and practices of sustainable soil management to land productivity conservation in Nepal
- 4.8 Basic concepts of hydrological cycle and its relationships to watershed management
- 4.9 Importance and relationship of watershed management to water harvesting development activities such as irrigation, hydropower and drinking water supply scheme.
- 4.10 Understanding of Soil formation process and its parent materials, geological process, soil profile, soil particles and size classes, soil texture and textural classification, soil structure and classification
- 4.11 Maintenance of soil fertility and effect of vegetation on physical, chemical and biological properties of soil and its organic matter, decomposition of plant residues and development of humus, importance of macroscopic and microscopic organisms in soil
- 4.12 Empirical estimation of stream flow, estimation of runoff volume and yield, water flow regulating structures, catchments ponds, stream gauging for measuring discharge, weirs and flumes, retaining walls, different kinds of check dams, embankments, spurs, spillways, chutes
- 4.13 Understanding hydrology and its processes, precipitation, rainfall intensity, interception, evapotranspiration, runoff, movement of water into and through the soil, water yield.
- 4.14 General characteristics and principles of watershed prioritization, integrated approach of watershed management
- 4.15 Upstream and downstream linkages, payment for environmental services, equitable benefits sharing
- 4.16 Coordination mechanism and integration of agriculture, forestry, livestock and water resource interventions in integrated sub-watershed management plan.
- 4.17 Participatory approach of watershed management and decision making, participatory monitoring and evaluation of watershed management activities
- 4.18 Emerging problems of Churia watershed and strategies to mitigate the watershed degradation problems of Churia, Bhawar and Terai
- 4.19 Theory and practices of Agro-forestry in Nepal, and criteria and indicators for selection of Agro-forestry species with respect to ecological zones of Nepal
- 4.20 Watershed, sub-watershed, watershed prioritization, watershed management plan

5. Biodiversity Conservation and Protected Area Management (15 Marks)

- 5.1 History, development and status of protected areas in Nepal
- 5.2 Principles and practices of protected area management
- 5.3 Protected area types and management modalities: national parks, wildlife reserve, hunting reserve, conservation area and buffer zone
- 5.4 Concept of ex-situ and in-situ biodiversity conservation at different levels (species, genetic and ecosystems)
- 5.5 Conservation biology, wildlife biology, forest ecology, mammalogy, ornithology and herpetology

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- 5.6 Wildlife farming and market opportunities for sustainable management and trade of wildlife products
- 5.7 Wildlife population dynamics, species status, abundance, distribution and classification (IUCN Red Data Book and CITES Appendix)
- 5.8 Engagement of local communities in protected area management system
- 5.9 Eco-tourism in biodiversity conservation and protected area management
- 5.10 Wildlife habitat management including grassland and wetland management
- 5.11 Economic valuation of biodiversity conservation and environmental services
- 5.12 Landscape level conservation planning, integrated protected area management and species conservation action plan
- 5.13 Trans-boundary coordination and cooperation
- 5.14 Major threats and challenges of biodiversity conservation
- 5.15 Human wildlife conflicts: Pattern, remedies and existing policy mechanism
- 5.16 Management of endemic, endangered, rare and vulnerable species, introduction and reintroduction, translocation and meta population of the species
- 5.17 Protected area management planning, implementation, monitoring and evaluation process
- 5.18 Zoological and botanical garden, rescue centers and wildlife hospitals

प्रथम चरणको लिखित परीक्षाबाट छनौट भएका उम्मेदवारहरूलाई मात्र लिइने सामूहिक परीक्षण (Final Oral Exams) को लागि सामूहिक छलफल (Group Discussion):

यस प्रयोजनको लागि गरिने परीक्षणको पूर्णाङ्क १० र समय ३० मिनेटको हुनेछ जुन नेता विहीन सामूहिक छलफल (Leaderless Group Discussion) को रूपमा अवलम्बन गरिनेछ । दिइएको प्रश्न वा Topics का विषयमा पालैपालोसँग निर्दिष्ट समय भित्र समूह बीच छलफल गर्दै प्रत्येक उम्मेदवारले व्यक्तिगत प्रस्तुति (Individual Presentation) गर्नु पर्नेछ । यस परीक्षणमा मूल्याङ्कनको लागि देहाय अनुसारको समिति रहनेछ :

आयोगका अध्यक्ष वा सदस्य	-अध्यक्ष
आयोगका सदस्य	-सदस्य
दक्ष/विज्ञ (१जना)	-सदस्य

सामूहिक छलफलमा दिइने नमूना प्रश्न वा Topic

उदाहरणको लागि -उर्जा संकट, गरिबी निवारण, स्वास्थ्य बीमा, खाद्य सुरक्षा, प्रतिभा पलायन, वन क्षेत्रको अतिक्रमण, जलवायु परिवर्तन, जैविक विविधताको संरक्षण जस्ता Topic मध्ये कुनै एक Topic मात्र दिइनेछ ।