

बेलडाँडी गाउँपालिका
गाउँ कार्यपालिकाको कार्यालय
अभिन पदको खुल्ला प्रतियोगितात्मक परीक्षाको पाठ्यक्रम ।



प्रथम चरण :- लिखित परीक्षा
द्वितीय चरण :- अन्तर्वार्ता

पूर्णाङ्क :- १००
पूर्णाङ्क :- ४०

प्रथम चरण – लिखित परीक्षा योजना

विषय	पूर्णाङ्क	उत्तीर्णाङ्क	परीक्षा प्रणाली	प्रश्न संख्या X अङ्कभार	समय
सेवा सम्बन्धी	१००	४०	वस्तुगत बहुवैकल्पिक (Multiple Choice)	५० X २ = १००	४५ मिनेट

द्वितीय चरण:-अन्तर्वार्ता

विषय	पूर्णाङ्क	उत्तीर्णाङ्क	परीक्षा प्रणाली	समय
अन्तर्वार्ता	२०	-	मौखिक	-

१. लिखित परीक्षाको माध्यम भाषा नेपाली वा अंग्रेजी अथवा नेपाली र अंग्रेजी दुवै हुन सक्नेछ ।
२. लिखित परीक्षाबाट छनौट भएका परीक्षार्थीहरूले मात्र अन्तर्वार्तामा भाग लिन पाउने छन् ।
३. परीक्षामा मोबाइल, क्याल्कुलेटर वा अन्य कुनै विद्युतीय उपकरण प्रयोग गर्न पाइने छैन ।



1. Mathematics

- 1.1 Units & Conversion
- 1.2 Fraction, Decimal & Percentage
- 1.3 Square and square root
- 1.4 Measurement of Area, Volume of regular surface
- 1.5 Four simple rules in Algebra
- 1.6 Simple algebraic formulae
- 1.7 Algebraic equation
- 1.8 Plane geometrical figures & its properties
- 1.9 Pythagoras theorem
- 1.10 Trigonometrical function & ratio
- 1.11 Solution of Triangle
- 1.12 Circular measures
- 1.13 Height & Distance
- 1.14 Definition of Coordinate
- 1.15 Calculation of distance by coordinate

2. Map Introduction

- 2.1 Elements of map
- 2.2 Definition and Classification of map
- 2.3 Map preparation
- 2.4 Use/Importance of map
- 2.5 Symbol: Types, Necessity, Properties
- 2.6 Scale: Small, Medium & Large
- 2.7 Legend & Marginal Information
- 2.8 Reference System: Geographical & Rectangular
- 2.9 Coordinate system
- 2.10 Grid system
- 2.11 Sheet Numbering of large scale maps
- 2.12 Contour & its properties
- 2.13 Data collection from map & data representation, Plotting & Profile drawing

3. Surveying & Methodology

- 3.1 Chain Survey
 - 3.1.1 Introduction
 - 3.1.2 Use of chain survey
 - 3.1.3 Method of chain survey
 - 3.1.4 Survey line offset
 - 3.1.5 Error and adjustment
 - 3.1.6 Obstacles of chain survey

- 3.2 Introduction of Surveying
 - 3.2.1 Basic principles of Surveying
 - 3.2.2 Definition of terms used in Surveying
 - 3.2.3 Units & Measurements
 - 3.2.4 Types & Construction of Scale
 - 3.2.5 Linear & angular measurement
 - 3.2.6 Bearing
 - 3.2.7 Types of error and correction
 - 3.2.8 Accuracy & Tolerance
- 3.3 Traditional Survey Techniques
 - 3.3.1 Introduction and Application of Chain Survey
 - 3.3.2 Introduction and Application of Compass Survey
 - 3.3.3 Plane Table Survey
 - 3.3.3.1 Introduction and Principle of Plane Table Survey
 - 3.3.3.2 Plane table and its accessories
 - 3.3.3.3 Application of Telescopic Alidade for Horizontal and vertical distances
 - 3.3.3.4 Methods of Radiation, Intersection, Resection and Traversing
- 3.4 Cadastral Survey
 - 3.4.1 Purpose, Importance and Methods of Cadastral Survey (Plane Table & Digital)
 - 3.4.2 Preparation of Cadastral maps and preparation of land records
 - 3.4.3 Procedures of preparing land records and land certificate, database
 - 3.4.4 Maintenance of land records, land register, updating of database
 - 3.4.5 Delineation/Demarcation of parcel boundary
- 3.5 Horizontal control surveying/Traversing/Triangulation/GNSS
 - 3.5.1 Introduction
 - 3.5.2 Principles
 - 3.5.3 Importance and use
 - 3.5.4 Reconnaissance and monumentation
 - 3.5.5 Observation and field check
 - 3.5.6 Preparation of Traverse chart
- 3.6 Vertical control surveying/Levelling
 - 3.6.1 Introduction
 - 3.6.2 Level line
 - 3.6.3 Horizontal line
 - 3.6.4 Mean sea level data [MSL data]
 - 3.6.5 Bench mark
 - 3.6.6 Reduced level
 - 3.6.7 Relative height
 - 3.6.8 Field procedure
 - 3.6.9 Reduction of level
 - 3.6.10 Sources of error

3.6.11 Precautions of leveling

4. Instruments & its Maintenance

- 4.1 Total Station/Theodolite
 - 4.1.1 Principle and its application
 - 4.1.2 Measurement of Horizontal Adjustment (H.A.) & Vertical Adjustment (V.A.)
 - 4.1.3 Handling Care & Maintenance of Equipments
- 4.2 GNSS Equipment
 - 4.2.1 Introduction & Application
 - 4.2.2 Types of GNSS

5. विविध

- 5.1 नेपालको संविधान (भाग १,२,३,१७ र १८ तथा अनुसूचीहरू)
- 5.2 स्थानीय सरकार सञ्चालन ऐन, २०७४
- 5.3 जग्गा (नापजाँच) ऐन, २०१९
- 5.4 जग्गा (नापजाँच) नियमावली, २०५८
- 5.5 मोही सम्बन्धी व्यवस्था
- 5.6 फिल्ड सर्जमिन मुचुल्का तयार गर्ने विधि
- 5.7 निजामती सेवा ऐन २०४९
- 5.8 निजामती सेवा नियमावली २०५०
- 5.9 मालपोत ऐन, २०३४
- 5.10 मालपोत नियमावली, २०३६
- 5.11 सहकारीको अवधारणा, सहकारीका सिद्धान्त र मूल्याङ्कन एवं आवास सहाकारी
- 5.12 नेपालमा पर्यटन विकासको आवश्यकता, चुनौती र सम्भावना ।