



**ANNEXURE "A"**

**GOVERNMENT OF JAMMU AND KASHMIR**

*Leh Autonomous Hill Development -Subordinate Services Recruitment Board*

**LADAKH AUTONOMOUS HILL DEVELOPMENT COUNCIL**

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**Sub: Syllabus for Written Test (Objective and some portion of Urdu shall be Descriptive Type) for the posts of Patwari.**

**Time: 1.40Hrs.**

**Total Marks: 80**

**Part - I**

**General Studies and Current Affairs:**

**50 marks**

**Unit-I GENERAL ENGLISH**

- (I) Tenses (According to their uses)
- (II) Rearranging of jumbled sentences.
- (III) Narration
- (IV) Modals
- (V) Articles, Gerunds, infinities, participles (infinite verbs)
- (VI) Comprehension with blanks to be filled in with Phrases, Pronouns, Homonyms / homophones.
- (VII) Clauses (relative, conditionals, Adjectival clauses)
- (VIII) Synonyms and antonyms
- (IX) Pairs of words and their use in meaningful sentences.
- (X) Idioms and phrases.
- (XI) Uses of Prepositions.
- (XII) Using words as different parts of speech in sentences.
- (XIII) Simple, Complex & Compound sentences.

**Unit-II GENERAL KNOWLEDGE AND CURRENT AFFAIRS**

- (I) Contemporary global organizations.
- (II) Current events in sports, awards, prizes, culture, books etc.
- (III) Science and Technology, Organizations, Current Developments.
- (IV) First in World and India.
- (V) Largest/Smallest/Longest in India.
- (VI) Contemporary environmental aspects, disaster etc.
- (VII) Current global treaties/meetings/ties with India.
- (VIII) Current regional/bilateral issues related with India.
- (IX) General Knowledge of J&K comprising its history, geography, political setup, culture, administration, religion etc.

**Unit-III GENERAL SCIENCE**

- (i) Mechanics, Rest, Motion, Velocity, Acceleration, Newton Laws of Motion.
- (ii) Electricity-Voltage, Current, Resistance, Power, D.C Batteries.
- (iii) Magnetic effect of Electricity.
- (iv) Sources of Energy, use of technology to harvest different sources of energy.
- (v) Waves, Light as a wave, Sound waves, Transverse and longitudinal waves.
- (vi) Structure of Atom
- (vii) Light-reflection and refraction.
- (viii) Solids, Liquids and Gases (Basics).

- (ix) Structure, Components and function of cell and detailed study of cells organelles.
- (x) Life Processes.
- (xi) Control and coordination in animals and plant / photo hormones and endocrine system.
- (xii) Nutrition and its types.
- (xiii) Vitamins-Diseases related to vitamin deficiency.
- (xiv) Heredity and evolution.
- (xv) Environment and pollution, Ganga rejuvenation project.
- (xvi) Management of Natural resources.
- (xvii) Ecosystem-its components, Food Chains and Food webs.
- (xviii) Ozone layer, its components, Food chains and Food webs.(Various international protocols on ozone layer depletion)
- (xix) Chemical Reaction and equation.
- (xx) Acid, Base, and Salt
- (xxi) Metal and Non-metal, Acids and Basis.
- (xxii) Carbon and its compound.

#### **Unit-IV History**

- (I) Industrial Revolution and effects.
- (II) Freedom Struggle, different dates and events.
- (III) Indus Valley Civilization & Vedic Civilization
- (IV) Mauryan empire & Spread of Buddhism
- (V) Gupta empire (Golden Period)
- (VI) Delhi Sultanate
- (VII) Mughal Empire in India
- (VIII) Indian freedom Struggle
- (IX) World war I and II.

#### **Unit-V Indian Economy**

- (I) Industrial Policy.
- (II) Fiscal and monetary policy.
- (III) Money and Banking
- (IV) Direct and Indirect Taxes
- (V) Indian's Foreign Trade
- (VI) Planning

#### **Unit-VI Indian Polity**

- (I) Features of the Indian constitution
- (II) Fundamental Rights and Duties
- (III) Executive Legislature and Judiciary
- (IV) Constitution of J&K
- (V) Local Government

#### **Unit-VII Geography**

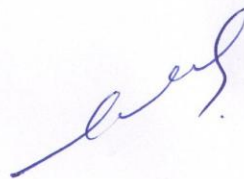
- (I) Earth: its structure and formation
- (II) Human Geography
- (III) Transport communication and trade
- (IV) Ocean
- (V) Migration: International, National causes and consequences.
- (VI) Indian Physiography
- (VII) Climate and Weather.
- (VIII) Soil and vegetation

#### **Unit-VIII MENTAL ABILITY TEST**

- (I) Speed, Distance and Time.
- (II) Area, Volume of different geometrical shapes.
  - Area of triangle, Quadrilaterals
  - Area of Solid figures.
  - Volume's of figures (Solid)
- (III) Simple and compound interest.
- (IV) Profit and Loss.



- (V) Percentage.
- (VI) Ratio and proportion.
- (VII) Numbers system.
  - Rational number's
  - Irrational number's
- (VIII) Polynomials.
  - Definition
  - Types of polynomials
  - Zero's of polynomials
  - Fundamental theorem of algebra
- (IX) Quadratic Equation.
  - Definitions.
  - Roots of Quadratic equation.
  - Formation of Quadratic equation
- (X) Arithmetic Progression.
  - Definitions.
  - Missing terms of an A.P
  - nth terms of an A.P
  - Sum of n term's of an A.P
- (XI) Trigonometry.
  - Trigonometric table.
  - Trigonometric identities.
  - Heights.
- (XII) Statistics
  - Mean
  - Median
  - Mode
- (XIII) Probability.
  - Definitions.
  - Sample space
  - Random experiment etc.
- (XIV) Comparing Quantities
- (XIV) Lines and Angles
  - Definition
  - Types of angles.
  - Exterior angle theorem
- (XV) Exponents and power
  - Definition
  - Standard form of a number
  - Laws of Exponents
- (XVI) Fractions and decimals.
  - Definition
  - Types of fraction's
  - Conversion of fraction's into decimals.
- (XVII) Coordinate geometry.
  - Cartesian plane
  - Location of a point
- (XVIII) Congruence of triangles.
  - Definition.
  - SSS rule.
  - SAS rule.
  - ASA rule.
  - RHS rule.
- (XIX) Symmetry
  - Definition.
  - Types of Symmetry



(XX) Mensuration

- Area of Triangle
- Square,
- Rectangle
- Rhombus
- Trapezium
- Circle
- Right Circular Cylinder.

**Unit-IX COMPUTER APPLICATIONS**

- (I) Fundamentals of computer sciences
- (II) Hardware & Software
- (III) Input and output devices
- (IV) Operating system
- (V) M.S Word, M.S Excel, and PowerPoint Presentation
- (VI) E-mail & Internet

**Part - II**

**Urdu (Objective/Descriptive Type):**

**30 Marks**

- 1- نثری اقتباس پر مبنی سوالات کے جوابات (متبادل جوابات پر مبنی سوالات MCQ Type)
- 2- واحد جمع:- واحد سے جمع اور جمع سے واحد (متبادل جوابات پر مبنی سوالات MCQ Type)
- 3- الفاظ- متضاد (متبادل جوابات پر مبنی سوالات MCQ Type)
- 4- صرف و نحو:- اردو صرف و نحو کے مطابق غلط جملوں کو درست کرنا (متبادل جوابات پر مبنی سوالات MCQ Type)
- 5- اسم، ضمیر، صفت اور فعل:- تعریف، اقسام اور مثالیں (متبادل جوابات پر مبنی سوالات MCQ Type)
- 6- الفاظ، محاوروں اور ضرب المثل کا جملوں میں استعمال (Subjective/Descriptive Type)
- 7- مضمون نویسی:- (منتخب اہم موضوعات پر تفصیلی مضمون) (Subjective/Descriptive Type)
- 8- ترجمہ:- انگریزی سے اردو میں ترجمہ (Subjective/Descriptive Type)

(Tsering Paldan)KAS

Secretary

Leh Autonomous Hill Development,  
Subordinate Services Recruitment Board