

Sikkim Public Service Commission (SPSC) Syllabus

Sikkim PSC Assistant Professor Syllabus - Reasoning

Verbal Reasoning

- Analogy
- Series Completion
- Verification of truth of the Statement
- Situation Reaction Test
- Direction Sense Test
- Classification
- Data Sufficiency
- Alpha- Numeric Sequence Puzzle
- Puzzle Test
- Blood Relations
- Coding- Decoding
- Assertion and Reasoning
- Arithmetical Reasoning
- Operations of Mathematics
- Venn Diagrams
- Word Sequence
- Missing Characters
- Sequential Output training
- Directions
- Test on Alphabets
- Eligibility Test

Non-Verbal Reasoning

- Dot Situation
- Identical figure groupings
- Forming figures and analysis
- Construction of squares and Triangles
- Series
- Analytical Reasoning
- Paper Folding
- Paper Cutting
- Cubes and Dice
- Water Images
- Mirror Images
- Figure Matrix
- Completion Incomplete Pattern
- Spotting embedded figures
- Classification

Sikkim Public Service Commission (SPSC) Syllabus

- Rules Detection

Sikkim Public Service Commission (SPSC) General English Syllabus

- Substitution
- Sentence Arrangement
- Transformation
- Prepositions
- Fill in the blanks
- Para Completion
- Joining Sentences
- Error Correction (Underlined Part)
- Antonyms
- Spelling Test
- Synonyms
- Idioms and Phrases
- Passage Completion
- Error Correction (Phrase in Bold)
- Spotting Errors
- Sentence Completion
- Active and Passive Voice
- Sentence Improvement

spscsm.gov.in Assistant Professor General Knowledge Syllabus

- Awards
- Authors
- Flower
- Defense
- Culture
- Religion
- Languages
- Capitals
- Wars and
- Neighbors
- Current Affairs
- History
- Anthem
- Important National Facts
- Heritage and Arts
- Dance
- Currencies
- Bird

Sikkim Public Service Commission (SPSC) Syllabus

- Animal
- Abbreviations
- Discoveries
- Diseases and Nutrition
- Song
- Flag
- Monuments
- Personalities
- Freedom Movement
- Championships
- Winners
- Terms
- Common Names
- Full forms
- Soil
- Rivers
- Mountains
- Ports
- Inland Harbours
- Number of Players
- Culture
- Religion
- Dance
- Heritage and Arts

सिक्किम लोक सेवा आयोग Aptitude Syllabus

- Line Graphs.
- Profit and Loss.
- Percentages.
- Mensuration.
- Data Sufficiency.
- Data Interpretation.
- Averages.
- Data Analysis.
- Decimal & Fractions.
- Problems on Ages.
- Time and Distance.
- Boats & Streams.
- Line Graphs.
- Bar Graphs.
- Clocks.
- Tables.

Sikkim Public Service Commission (SPSC) Syllabus

- Pie – Charts.
- Bar Graphs.
- Case lets.
- Roots.
- Pie Charts.
- HCF & LCM.
- Logarithms.
- Probability.
- Simplification.
- Pipes & Cisterns.
- Heights & Distances Partnership.
- Number System.
- Problems on Trains.
- Permutation & Combination.
- Ratio and Proportions.
- Mixtures & Allegations.
- Volume & Surface Area.
- Time and Work.
- Simple & Compound Interest.

Sikkim PSC Assistant Professor Syllabus - General Awareness

- National Dance
- Music & Literature
- Indian Culture
- Scientific observations
- Political Science
- World organizations
- Countries and Capitals
- Famous Places in India
- Books and Authors
- Important Dates
- About India and it's neighboring countries
- Science and innovations
- New inventions
- Economic problems in India
- Geography of India
- National and International current affairs

Sikkim Public Service Commission (SPSC) Mathematics Syllabus

- Relations and Functions
- Logarithms

Sikkim Public Service Commission (SPSC) Syllabus

- Complex Numbers
- Quadratic Equations
- Sequences and Series
- Trigonometry
- Cartesian System of Rectangular Coordinates
- Statistics
- Differentiation
- Introduction to Three Dimensional Geometry
- Straight Lines
- Circles
- Conic Sections
- Permutations and Combinations
- Vectors
- Exponential and Logarithmic Series
- Sets and Set Theory
- Probability Function
- Limits and Continuity
- Applications of Derivatives
- Indefinite Integrals Binomial Theorem
- Matrices
- Determinants
- Definite Integrals

spscsm.gov.in Assistant Professor Botany Syllabus

- Agronomy and Crop Science
- Algology and Phycology
- Bacteriology
- Bryology
- Mycology
- Paleobotany
- Plant Anatomy and Physiology
- Plant Cell Biology
- Plant Genetics
- Plant Pathology
- Pteridology

सिक्किम लोक सेवा आयोग Zoology Syllabus

- Entomology
- Herpetology
- Ichthyology
- Invertebrate Zoology

Sikkim Public Service Commission (SPSC) Syllabus

- Malacology
- Mammalogy
- Ornithology
- Primatology
- Ecology
- Embryology
- Ethology
- Paleontology
- Sociobiology

Sikkim PSC Assistant Professor Syllabus - Physics

- Mathematical Methods
- Classical Mechanics
- Relativity
- Atomic
- Molecular Physics
- Condensed Matter Physics
- Thermodynamics
- Statistical Mechanics
- Nuclear and Particle Physics
- Quantum Theory and its Applications
- Electromagnetic Theory
- Electronics
- Experimental Physics

Sikkim Public Service Commission (SPSC) Chemistry Syllabus

- General Chemistry
- Structure of Atom
- Electrochemistry
- Periodicity
- Solid State
- Solutions
- Classification of Elements
- Molecular Structure
- Chemical Bonding
- Surface Chemistry
- Redox Reactions
- Chemical Kinetics
- States of Matter
- Equilibrium
- Thermodynamics

Sikkim Public Service Commission (SPSC) Syllabus

- Processes of Isolation of Elements
- Coordination Compounds
- P, D, F Block Elements
- Hydrogen
- D Block Elements
- Alkali and Alkaline earth metals (S Block)
- Haloarenes
- Alcohols
- Haloalkanes
- Aldehydes
- Phenols
- Ketones
- Ethers
- General Organic Chemistry
- Carboxylic Acids
- Biomolecules
- Hydrocarbons
- Environmental Chemistry
- Amines
- Chemistry in Everyday Life

spscsm.gov.in Assistant Professor Statistics Syllabus

- Combinatorics and basic set theory notation
- Probability definitions and properties
- Common discrete and continuous distributions
- Bivariate Distributions
- Conditional probability
- Random variables, expectation, variance
- Univariate and bivariate transformations
- Convergence of random variables: in probability, in distribution, almost sure
- Central Limit Theorem, Laws of Large Numbers
- Estimation: bias, MSE, consistency, sufficiency, maximum likelihood, the method of moments, UMVUE, Rao-Blackwell Theorem, Fisher
- Information
- Hypothesis testing: significance level and power, Neyman-Pearson lemma, Likelihood ratio tests
- Confidence Intervals: definitions, duality with hypothesis tests

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