

Kerala Public Service Commission (Kerala PSC)



Kerala PSC Lecturer, Technician & Other Exam Pattern

- **General Knowledge**
- **Logical Reasoning**
- **General Aptitude**
- **General English**
- **Concerned Subjects (Physics, Chemistry, Biology, and Mathematics)**

Kerala PSC Lecturer Syllabus

General Knowledge

- Sports & Games.
- National & International affairs.
- Countries and Capitals.
- Art & Culture.
- Geography.
- Economic Scene.
- Daily News.
- Famous Personalities.
- Current GK.
- States & Capitals.
- Current Events.
- Indian Constitution.
- Scientific Research.
- Sports.
- Countries & Currencies.
- History.
- Culture.

Reasoning

- Statements & Arguments.
- Non-Verbal Series.

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- Statements & Conclusions.
- Decision Making.
- Number Ranking.
- Blood Relations.
- Analogy.
- Coding-Decoding.
- Alphabet Series.
- Directions.
- Mirror Images.
- Embedded Figures.
- Number Series.
- Clocks & Calendars.
- Cubes and Dice.
- Arithmetical Reasoning.
- Syllogism.
- Data Interpretation.

General Aptitude

- Logarithm.
- Problems on Ages.
- Pipes and Cistern.
- Simple Interest.
- Boats and Streams.
- Time and Work.
- Simplification.
- Height and Distance.
- Decimal Fraction.
- Permutation and Combination.
- Chain Rule.
- Problems on H.C.F & L.C.M.
- Compound Interest.
- Ratio and Proportion.
- Allegation or Mixture.
- Time and Distance.

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- Square Root and Cube Root.
- Volume and Surface Area.
- Surds and Indices.
- Average.
- Area.
- Blood Relations.
- Clocks & Calenders.
- Probability.
- Partnership.
- Data Interpretation.

General English

- Antonyms.
- Adverb.
- Idioms & Phrases.
- Sentence Corrections.
- Reading Comprehension.
- Para Jumbles.
- Fill in the Blanks.
- Sentence Rearrangement.
- Meanings.
- Unseen Passages.
- Verb.
- Missing Verbs.
- Error Spotting/Phrase Replacement.
- Adjectives.
- Synonyms
- Grammar.
- Phrase Replacement.
- Subject-Verb Agreement.
- Word Formations.
- Articles.
- Cloze Test.

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Concerned Subjects

Physics

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

Chemistry

- Bio-inorganic Chemistry.
- Organic Synthesis.
- Quantum Chemistry.
- Chemical Kinetics.
- Thermodynamics.
- Electrochemistry.
- Photochemistry.
- Analytical Chemistry.
- Analytical techniques.
- Structure and Bonding.
- Acids and Bases.
- Redox Reactions.
- Nuclear Chemistry.
- Chemistry of Transition Elements.
- Inorganic reaction mechanism.

Mathematics

- Real Analysis.

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- Complex Analysis.
- Algebra.
- Topology.
- Measure Theory and Functional Analysis.
- Differential Equations.
- Mechanics and Numerical Methods.
- Probability and Mathematical Statistics.
- Differential Geometry and Graph Theory.
- Mathematical Programming
- Fluid Dynamics.

Biology

- Bacteria
- Culture Media
- Care and Handling of Laboratory Animals
- General characters and classification
- <https://www.freshersnow.com/syllabus/>
- Sterilization and Disinfection
- Disposal of Laboratory/Hospital Waste
- Collection and Transportation of Specimen
- Staining Methods
- Growth and Maintenance of Microbes
- Characteristics of Bacteria