

SSC CGL Exam Syllabus 2024

Tier-01 Preliminary Exam

General Intelligence and Reasoning

- Analogies, similarities, and differences,
- Space visualization, spatial orientation,
- Problem-solving, analysis, judgment, decision making,
- Visual memory, discrimination, observation, relationship concepts,
- Arithmetical reasoning and figural classification,
- Arithmetic number series, non-verbal series,
- Coding and decoding,
- Statement conclusion, syllogistic reasoning-Semantic Analogy, Symbolic/ Number Analogy, Figural Analogy, Semantic Classification, Symbolic/ Number Classification, Figural Classification, Semantic Series,
- Number Series,
- Figural Series,
- Word Building, Coding and de-coding,
- Numerical Operations, symbolic Operations,
- Trends,
- Venn Diagrams, Drawing inferences,
- Punched hole/ pattern- folding and unfolding,
- Figural Pattern- folding and completion,
- Indexing, Address matching,
- Date and city matching,
- Classification of centre codes/ roll numbers, Small and Capital letters/ numbers coding, decoding and classification,
- Embedded Figures,
- Critical thinking,
- Emotional Intelligence, Social Intelligence, etc

General Awareness

- India and its neighbouring countries
- History, Geography, and Polity of India and the World
- Art and Culture of India
- Current Affairs
- Science and Technology
- Sports and Sportspersons
- Awards and Honours
- Books and Writers
- Economic Science
- Basic Science

Quantitative Aptitude

- Computation of whole numbers, decimals, fractions, and relationships between numbers,
- Percentage
- Ratio and Proportion,
- Square roots,
- Averages,
- Interest, Profit and Loss, Discount,
- Partnership Business, Mixture, and Alligation,
- Time and distance, Time and Work,
- Basic algebraic identities of School Algebra and Elementary surds,
- Graphs of Linear Equations,
- Triangle and its various kinds of centres,
- Congruence and similarity of triangles,
- Circle and its chords, tangents, angles subtended by chords of a circle, common tangents to two or more circles,
- Quadrilaterals, Regular Polygons, Circle, Right Prism,
- Right- Circular Cone, Right Circular Cylinder,
- Sphere, Hemispheres,
- Rectangular Parallelepiped,
- Regular Right Pyramid with triangular or square base,
- Trigonometric ratio, Degree and Radian Measures, Standard Identities,
- Complementary angles, Heights and Distances,
- Histogram,
- Frequency polygon, Bar diagram and Pie chart.

English Comprehension

- Antonyms and Synonyms
- Spelling Test
- Sentence Correction
- Para jumbles
- Cloze Test
- Reading Comprehension

Tier-02

Paper 01 - Quantitative Ability

- Computation of whole numbers, decimals, fractions, and relationships between numbers,
- Percentage
- Ratio and Proportion,
- Square roots,
- Averages,

- Interest, Profit and Loss, Discount,
- Partnership Business, Mixture, and Alligation,
- Time and distance, Time and Work,
- Basic algebraic identities of School Algebra and Elementary surds,
- Graphs of Linear Equations,
- Triangle and its various kinds of centres,
- Congruence and similarity of triangles,
- Circle and its chords, tangents, angles subtended by chords of a circle, common tangents to two or more circles,
- Quadrilaterals, Regular Polygons, Circle, Right Prism,
- Right- Circular Cone, Right Circular Cylinder,
- Sphere, Hemispheres,
- Rectangular Parallelepiped,
- Regular Right Pyramid with triangular or square base,
- Trigonometric ratio, Degree and Radian Measures, Standard Identities,
- Complementary angles, Heights and Distances,
- Histogram,
- Frequency polygon, Bar diagram and Pie chart.

Paper-02 English Language and Comprehension

- Spot the error,
- Fill in the blanks,
- Synonyms, antonyms,
- Spelling/ detecting misspelt words,
- Idioms and phrases,
- One word substitution,
- Improvement of sentences,
- The active and passive voice of verbs,
- Conversion into Direct and indirect narration,
- Shuffling of sentence parts, shuffling of sentences in a passage,
- Cloze passage and comprehension passage.

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Paper-03 Statistics

- Collection, Classification, and Presentation of Statistical Data – Primary and Secondary data, Methods of data collection; Tabulation of data; Graphs and charts; Frequency distributions; Diagrammatic presentation of frequency distributions.
- Measures of Central Tendency- Common measures of central tendency – mean median and mode; Partition values- quartiles, deciles, percentiles.
- Measures of Dispersion- Common measures dispersion – range, quartile deviations, mean deviation and standard deviation; Measures of relative dispersion.
- Moments, Skewness and Kurtosis – Different types of moments and their relationship; the meaning of skewness and kurtosis; different measures of skewness and kurtosis.

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- Correlation and Regression – Scatter diagram; simple correlation coefficient; simple regression lines; Spearman's rank correlation; Measures of association of attributes; Multiple regression; Multiple and partial correlation (For three variables only).
- Probability Theory – Meaning of probability; Different definitions of probability; Conditional probability; Compound probability; Independent events; Bayes' theorem.
- Random Variable and Probability Distributions – Random variable; Probability functions; Expectation and Variance of a random variable; Higher moments of a random variable; Binomial, Poisson, Normal and Exponential distributions; Joint distribution of two random variables (discrete).
- Sampling Theory – Concept of population and sample; Parameter and statistic, Sampling and non-sampling errors; Probability and nonprobability sampling techniques (simple random sampling, stratified sampling, multistage sampling, multiphase sampling, cluster sampling, systematic sampling, purposive sampling, convenience sampling, and quota sampling); Sampling distribution (statement only); Sample size decisions.
- Statistical Inference - Point estimation and interval estimation, properties of a good estimator, Methods of estimation (Moments method, Maximum likelihood method, Least squares method), Testing of hypothesis, Basic concept of testing, Small sample and large sample tests, Tests based on Z, t, Chi-square, and F statistic, Confidence intervals.
- Analysis of Variance - Analysis of one-way classified data and two-way classified data.
- Time Series Analysis - Components of time series, Determinations of trend component by different methods, Measurement of seasonal variation by different methods.
- Index Numbers - Meaning of Index Numbers, Problems in the construction of index numbers, Types of an index number, Different formulae, Base shifting and splicing of index numbers, Cost of living Index Numbers, Uses of Index Numbers

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Paper-04 Finance and Accounts

- Financial Accounting: Nature and scope, Limitations of Financial Accounting, Basic concepts, and Conventions, Generally Accepted Accounting Principles.
- Basic concepts of accounting: Single and double entry, Books of Original Entry, Bank Reconciliation, Journal, Ledgers, Trial Balance, Rectification of Errors, Manufacturing, Trading, Profit and Loss Appropriation Accounts, Balance Sheet Distinction between Capital and Revenue Expenditure, Depreciation Accounting, Valuation of Inventories, Non-profit organisations Accounts, Receipts and Payments and Income and expenditure Accounts, Bills of Exchange, Self Balancing Ledgers

Paper-04 Economics and Governance

- Comptroller and Auditor General of India- Constitutional provisions, Role, and responsibility.
- Finance Commission-Role and functions.
- Basic Concept of Economics and introduction to Micro Economics: Definition, scope, and nature of Economics, Methods of economic study and Central problems of an economy and Production possibilities curve.
- Theory of Demand and Supply: Meaning and determinants of demand, Law of demand and Elasticity of demand, Price, income and cross elasticity; Theory of consumer's behaviour Marshallian approach and Indifference curve approach, Meaning and determinants of supply, Law of supply and the elasticity of Supply.
- Theory of Production and cost: Meaning and Factors of production; Laws of production- Law of variable proportions and Laws of returns to scale.
- Forms of Market and price determination in different markets: Various forms of markets-Perfect Competition, Monopoly, Monopolistic Competition and Oligopoly and Price determination in these markets.

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Paper-04 Indian Economy and Banking

- Nature of the Indian Economy Role of different sectors. Role of Agriculture, Industry and Services-their problems and growth;
- National Income of India-Concepts of national income, Different methods of measuring national income.
- Population-Its size, rate of growth and its implication on economic growth.
- Poverty and unemployment- Absolute and relative poverty, types, causes and incidence of unemployment.
- Infrastructure-Energy, Transportation, Communication.
Economic reforms since 1991; Liberalisation, Privatisation, Globalisation, and Disinvestment.
- Monetary Policy and Fiscal policy- Role and functions of Reserve Bank of India; functions of commercial Banks, RRB, and Payment Banks.
- Budget and Fiscal deficits and Balance of payments.
- Fiscal Responsibility and Budget Management Act, 2003.