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The Name of Quality

Reliable Academy®

SSC - Railway - PSU

Govt. Exams
ISO - 9001 : 2015

Manohar E. Patil Sir's
Ministry - Secretariat

SSC

CGL-CHSL-MTS



SSC

**CGL | CHSL
MTS | Steno**

Railway

**Technical
Non Technical**

Nothing is impossible the word itself says I'm possible

Director's Message

Reliable Academy is committed for providing the best qualified Faculties who are industry expert & full of devotion to guide and assist aspirants to achieve their goal of passing the desired competitive exams with flying colors.

“Student must be Guided on HOW to think., NOT WHAT to think..”

In today's modern era, the competition in Govt. competitive exams like UPSC, MPSC, BANK/SSC is increasing day by day. Only those aspirants, who are well aware about the exam and have mastered the planned techniques & structured approach can achieve their goals easily. Through these competitive examinations, the intelligence and comprehensibility of the student is examined in all the desire aspects & how he/she can handle the complex situation in their future career is scrutinized.

Manohar E. Patil
Founder & Director

As the saying goes "Well Beginning is Half Done", it is very important to come over the initial hiccups and misconceptions at the right time. Understanding the exam pattern and appropriate learning method will help an aspirant to move in the right direction. Right learning, enough practice and unwavering dedication towards the preparation of competitive examination is MUST.

About Reliable Academy

Year of Establishment : 2014

Reliable Academy is the most popular institute in Maharashtra Specially in and around Delhi, Mumbai, Pune, Thane & Kalyan region. We are leading Training Institute for Various Govt. Competitive Exam Preparations Viz., UPSC, MPSC, Bank, SSC, Railway, Insurance and various other competitive exams from State level to National level in INDIA.

We aim to develop competitive attitude and winning spirit among our students. Providing sound academic base with quality teaching and individual attention from experienced faculties in structured pattern is our hallmark.

Today we are well established and leading institute which is continuously guiding the students to achieve their goals. Our Faculties have created comprehensive Study Material which facilitate students to study the well define Course Content in easy way to score good marks. Our renowned faculties are the best in class and have yielded great results. We have strong desire to provide the comprehensive education through experienced faculties and proper guidance to students in a skillful manner to ensure their success.

We focus on building a strong foundation of knowledge and core competence for students success. We provide an excellent Classroom teaching at our centers and also through online platform like mobile app, website and via our latest V-SAT E-Learning Program. The best academic support and personal attention which we provide to the students helps them to meet their career goals and objectives. Our highly qualified and most experienced faculties are dedicated and committed to student's overall progress and success. We help you with a complete structured program to prepare you for the competitive exams and pass out with the best rank compared to others.

Our Certifications



Mission

Our mission is to ensure all our students achieve their dreams of successfully clearing their desired competitive exams and secure Govt./Public Sector posting.

Vision

To help our students with an up-to-date structured program, experienced faculties practical approach & personal guidance to get selected at Central & State Govt./Public Sector in their first attempt itself.

Goal

To achieve maximum students passing every year among different competitive exams like UPSC, MPSC, Bank, SSC and various other Central & State Govt. Sectors

- ⇒ 1. Always study sitting on chair table, do not read at all while lying on the bed .if you lie on your bed while studying you may get into lazy mode, eventually making you feel sleepy.
- ⇒ 2. Do not play television while reading and also keep radio or songs off. In the course of studies, switch mobile phone off or keep it on silent mode.
- ⇒ 3. Do write the text what you read, this will also keep you concentrated on reading and also make notes for the future.
- ⇒ 4. Must read any text at least three times. Avoid the tendency to write whatever you read, note the important points. You should brainstorm (revise).
- ⇒ 5. Make short notes so that they work during the exam. Discuss the readings with your friends, group discussion is beneficial in studies.
- ⇒ 6. Sort the important topics based on the old question papers and prepare them well. Follow our Reliable Academy action plan.
- ⇒ 7. Eat a balanced diet because overeating leads to sleepiness and laziness, while eating less food does not make you mind sharper. It can lead to some problems like tiredness, headache etc.
- ⇒ 8. Read with the help of pictures, maps, graphs, sketches etc. They are easy to remember for a longer period.
- ⇒ 9. You can take help of computer or internet in studies, but with some specific time.

Note: Following & implementing the above rules will benefit study and help achieving success with in the time frame.

Founder: Manohar E. Patil

About Exam

SSC CGL (Combined Graduate Level) is considered to be one of the biggest examinations to be conducted for graduate students in India. SSC conducts SSC CGL every year to recruit staff for various posts in the various Ministries and Departments of the Government of India and in its Subordinate Offices. like



Eligibility Criteria

Age Limit

The SSC CGL age criteria vary according to the different posts.

Minimum Age Limit is : 18, Maximum Age limit is : 32

Age Relaxation : **OBC : 3 Yersars, SC / ST : 5 Years PwD : 10 Years**

Educational Qualification

SSC CGL Post	Educational Qualification
Assistant Audit Officer	Essential Qualifications Bachelor's Degree in any Stream
Junior Statistical Officer (JSO)	Bachelor's Degree in any discipline with Statistics
Compiler Posts	Bachelor's Degree with Economics or Statistics or Mathematics
All Other Posts	Bachelor's Degree in any discipline

Tier 1 Exam Pattern

The first step towards SSC CGL is the Computer-Based Test comprising of multiple-choice questions from four subjects. Candidates are provided 60 mins. to complete the paper.

Subject	Questions	Marks	Time
General Intelligence & Reasoning	25	50	60 min
General Awareness	25	50	
Quantitative Aptitude	25	50	
English Language	25	50	
Total	100	200	

Tier 2 Exam Pattern

S. N.	Papers	Time
1	PaperI: (Compulsory for all posts)	2 hours 30 min
2	PaperII: Junior Statistical Officer (JSO)	2 hours
3	PaperIII: Assistant Audit Officer/ Assistant Accounts Officer	2 hours

SSC CGL Tier 2 Paper 1 Exam

Sections	Module	Subject	No. of Questions	Marks	Weightage	Duration
I	1	Mathematical Abilities	30	90	23%	1 hour
	2	Reasoning and General Intelligence	30	90	23%	
II	1	English Language and Comprehension	45	135	35%	1 hour
	2	General Awareness	25	75	19%	
III	1	Computer Knowledge Test	20	60	Qualifying	15 min
	2	Data Entry Speed Test	One Data Entry Task		Qualifying	15 min

SSC CGL Tier 2 Paper 2 & 3 Exam Pattern

Paper	Section	No. of question	Maximum Marks	Duration
II	Statistics	100	200	2 hours
III	GS (Finance and Economics)	100	200	2 hours

There is a negative marking of 1 mark for each wrong answer in Section-I, Section-II and Module-I of Section-III of Paper-I and 0.50 marks for each wrong answer in Paper-II and Paper-III

About Exam

The SSC CHSL(10+2) Exam conducted for the recruitment in different government departments, offices and ministries for different posts like Lower Divisional Clerk (LDC), Junior Secretariat Assistant (JSA), Postal Assistants(PA), Sorting Assistants(SA), Data Entry Operator (DEO), Data Entry Operator Grade A across ministries and government offices.

Eligibility

Age Limit

Minimum Age Limit is : 18, Maximum Age limit is : 27

Age Relaxation : **OBC : 3 Yersars**, **SC / ST : 5 Years** **PwD : 10 Years**

Educational Qualification

Candidate must have passed Class 12 or equivalent from a recognised board. Candidates appearing in the Class 12 exam are also eligible to apply.

Exam Pattern

Pattern For Tier I: (Objective, 200 Marks, 60 Min)

	Subject	No of Q.	Marks
1	General Intelligence Semantic Analogy, Symbolic operations, Symbolic/ Number Analogy, Trends, Figural Analogy, Space Orientation, Semantic Classification, Venn Diagrams, Symbolic/ Number Classification, Drawing inferences, Figural Classification, Punched hole/ pattern folding & unfolding, Semantic Series, Figural Pattern-folding and completion, Number Series, Embedded figures, Figural Series, Critical Thinking, Problem Solving, Emotional Intelligence, Word Building, Social Intelligence, Coding and decoding	25	50
2	General Awareness History, Culture, Geography, Economics, General policy & Scientific Research, Current Affairs, Environment	25	50
3	Quantitative Aptitude Number Systems: Computation of Whole Number, Decimal & Fractions, Relationship between numbers. Fundamental arithmetical operations: Percentages, Ratio and Proportion, Square roots, Averages, Interest (Simple and Compound), Profit and Loss, Discount, Partnership Business, Mixture and Allegation, Time and distance, Time and work. Algebra: Basic algebraic identities of School Algebra and Elementary surds (simple problems) and Graphs of Linear Equations. Geometry: Familiarity with elementary geometric figures and facts: 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. Mensuration: Triangle, Quadrilaterals, Regular Polygons, Circle, Right Prism, Right Circular Cone, Right Circular Cylinder, Sphere, Hemispheres, Rectangular Parallelepiped, Regular Right Pyramid with triangular or square Base. Trigonometry: Trigonometry, Trigonometric ratios, Complementary angles, Height and distances (simple problems only) Standard Identities like $\sin^2 \theta + \cos^2 \theta = 1$ etc., Statistical Charts: Use of Tables and Graphs: Histogram, Frequency polygon, Bar-diagram, Pie-chart.	25	50
4	English Language Spot the Error, Fill in the Blanks, Synonyms/ Homonyms, Antonyms, Spellings/ Detecting mis-spelt words, Idioms & Phrases, One-word substitution, Improvement of Sentences, Active/ Passive Voice of Verbs, Conversion into Direct/ Indirect narration, Shuffling of Sentence parts, Shuffling of Sentences in a passage, Cloze Passage, Comprehension Passage.	25	50
	Total	100	200

(0.50 marks will be deducted for every wrong answer.)

Pattern For Tier II: (Descriptive, 100 Marks, 60 Min)

It is a descriptive paper that candidates need to complete within 60 minutes. The Paper would comprise writing of an Essay of 200-250 words and Letter/Application writing of approximately 150-200 words. The minimum qualifying marks in Tier-II would be 33 %

Pattern For Tier III: (Skill Test)

Tier 3 will be a Skill Test/Typing Test.

About Exam

MTS exam is conducted by the SSC for selecting candidates in General Central Service Group-C non-gazetted, non-ministerial posts in various departments and offices of the Govt of India. on Pay Level-1 as per Pay Matrix of 7th Pay Commission with basic pay of Rs. 5,200-20,200 + Grade Pay Rs.1,800.

Eligibility

Age Limit

Minimum Age Limit is : 18, Maximum Age limit is : 27

Age Relaxation : **OBC : 3 Yersars**, **SC / ST : 5 Years** **PwD : 10 Years**

Educational Qualification

A candidate is required to pass Matriculation (10th class) or its equivalent Exam from a recognized State Board or Institute

Exam Pattern

Pattern For Tier I: (Objective, 100 Marks, 90 Min)

Section	Maximum Questions	Duration
Reasoning	25	A cumulative time of 90 minutes
English Language	25	
Numerical Aptitude	25	
General Awareness	25	
Total	100	

Pattern For Tier II: (Descriptive, 100 Marks, 60 Min)

Subject	Max Marks	Total Time
Short Essay/Letter in English or any Language included in 8th Schedule of the Constitution	25 + 25	45 min.

Syllabus

Subjects	Topics
General Awareness	Indian History, Culture, Computer & Mobile Technology, Current Affairs, Dates, Portfolios, Schemes, GK- Sports, People In News, Books, Nutrition, Geography, Environment, Physics + Space Science Diseases, pollution, Economy, Polity, Biology, and Chemistry
Numerical Aptitude	Percentage, Ratio and Proportion, Simplification, Problems on Ages Interest, Speed Time & Distance, Average, Mensuration, Profit & Loss, Number System, Number Series, Time & Work, Mixture problems, Geometry, DI, Algebra, and Trigonometry
Reasoning	Word formation, Classification, Coding-Decoding, Blood Relations, Non-Verbal Reasoning, Directions & Distances, Matrix, Venn diagram Missing Number, Analogy, Puzzles, Series, Verbal Reasoning,
English Language	Fill in the Blanks, Spellings, Synonyms & Antonyms, Error Spotting Phrase or Idiom Meaning, Reading Comprehension, Jumbled Sentences, One Word Substitution, Phrase Replacement/ Sentence Correction

About Exam

IB ACIO is a graduate-level examination conducted by the Ministry of Home Affairs (MHA) for the recruitment of Intelligence Bureau Assistant Central Intelligence Officer.

Eligibility

Age Limit

Minimum Age Limit is : 18, Maximum Age limit is : 27

Age Relaxation : **OBC : 3 Yerars**, **SC / ST : 5 Years** **PwD : 10 Years**

Educational Qualification

The candidate seeking the post must be graduated from a recognized university in India.

Exam Pattern

Pattern For Tier I

Sections	Total Question	Total Mark	Time
General Awareness	20	20	60 Minutes
Quantitative Aptitude	20	20	
Analytical Ability	20	20	
English Language	20	20	
General Studies	20	20	
Total	100	100	

Pattern For Tier II

Section	Marks	Time
Essay Writing	30	1 Hr
Comprehension and Precise Writing	20	
Total	50	

Pattern For Tier III

The Tier III Phase of the exam is the personal interview round. Here, candidates are judged based on their presentation, intelligence, and personality.

Stage	Syllabus Details
Stage 1	<ul style="list-style-type: none"> General Awareness - Current Affairs: History, Geography, Science & Technology, Indian Polity & Constitution, Economy & Finance, Physics, Chemistry, Biology, Static GK Quantitative Aptitude - Average, LCM & HCF, Percentages, Partnership, Boat & Stream, Pipes & Cistern, Simple Interest & Compound Interest, Profit loss & Discount, Mixture & Allegation, Problem on Ages, Ratio Proportion, Complementary and Supplementary Angles, Data Interpretation, Time work & wages, Speed, time, and work, Height and Distances, Standard Trigonometry Identities, Mensuration. Logical/Analytical Ability - Alphabet Test, Classification, Analogy, Arithmetic Reasoning, Logical Venn diagram, Distance direction test, Matrix, Blood Relation, Coding decoding, Pattern Completion, Embedded figures, Figure formation & Analysis, Cube & Dice, Figure formation & Analysis, Missing Number, Series Paper cutting & folding, Counting of figures, Mirror Image, Water Image English Language - Cloze Test: Synonyms & Antonyms, Para Jumble, Spelling Error, Sentence Improvement, Fill in the blanks, Reading Comprehension, Spelling Error, Sentence Improvement, Preposition, Word Substitution, Idiom & Phrase, Active & Passive Voice
Stage 2	Essay writing on topics like security threats, cultural diversity etc.

About Exam

The SSC CPO (Staff Selection Commission Central Police Organization) Exam is a National level test conducted for recruitment into the Central Police Organization.

Eligibility

Age Limit

Minimum Age Limit is : 20, Maximum Age limit is : 25

Age Relaxation : **OBC : 3 Yerars,** **SC / ST : 5 Years** **PwD : 10 Years**

Educational Qualification

A candidate must have Bachelor's Degree in any discipline from a recognised University.

Exam Pattern

Pattern For Paper 1

Subject	Number of Questions	Max. Marks	Time Allowed
Part A	General Intelligence and Reasoning	50	50
Part B	General Knowledge and General Awareness	50	50
Part C	Quantitative Aptitude	50	50
Part English	English Comprehension	50	50

Two Hours

Physical Efficiency Test

Only those candidates, who have scored above the cut-off marks fixed by the Commission in Paper I would be required to appear in the Physical Endurance Test/Medical examination.

- For male candidates only
 - > 100 mtrs race in 16 seconds
 - > 1.6 km race in 6.5 minutes
 - > Long Jump: 3.65 mtrs in 3 chances
 - > High Jump: 1.2 mtrs in 3 chances
 - > Shot put (16 Lbs): 4.5 mtrs in 3 chances
- For female candidates only
 - > 100 mtrs race in 18 seconds
 - > 800 mtrs race in 4 minutes
 - > Long Jump: 2.7 mtrs (9 feet) in 3 chances.
 - > High Jump: 0.9 mtrs (3 feet) in 3 chances.

Pattern For Tier III

Subject	Maximum Marks /Questions	Duration and timing English
English language & Comprehension	200 marks/200 questions	Two Hours

About Exam

RRB NTPC stands for Railway Recruitment Board's Non-Technical Popular Categories. It is a national-level examination that is conducted to recruit graduates and undergraduates for the post of Non-Technical Popular Categories (NTPC) in various Zonal Railways and Production Units of Indian Railways.

Eligibility

Age Limit

Minimum Age Limit is : 18, Maximum Age limit is : 30

Age Relaxation : **OBC : 3 Years**, **SC / ST : 5 Years** **PwD : 10 Years**

Educational Qualification

Candidate must have passed class 12th if he wants to apply for the undergraduate level posts, whereas, Graduation degree from a recognised university must be attained in order to apply for Graduate level posts.

Exam Pattern

Exam stage	Overall Pattern
1st stage CBT	<ul style="list-style-type: none"> The exam is conducted online for 90 minutes 100 objective type multiple choice questions are asked from General Awareness, Mathematics, and General Intelligence and Reasoning The total marks allotted for the exam are 100
2nd stage CBT	<ul style="list-style-type: none"> The exam comprises three sections: General Questions, Awareness, Mathematics, and General Intelligence and Reasoning The duration of the test is 90 minutes The total number of questions is 120
CBAT	<ul style="list-style-type: none"> The exam comprises six test batteries There is no negative marking
Typing skill test	<ul style="list-style-type: none"> Candidates should be able to type 30 (WPM) in English or 25 WPM in Hindi The test is conducted online

Syllabus

General Awareness Syllabus: History, Geography, Economy, Indian Polity and Governance, General Science, Current Affairs etc.

Mathematics Syllabus: Number System, Decimals, LCM, HCF, Ratio and Proportions, Time and Work, Mensuration, Percentage, Elementary Statistics, etc.

General Intelligence & Reasoning Syllabus: Analogies, Mathematical Operations, Coding and Decoding, Data Sufficiency, Syllogism, Jumbling, Venn Diagrams, Puzzle etc.

About Exam

The exam held to recruit candidates for the posts of Track Maintainer Grade-IV, Assistant Pointsman, helper/assistant in various technical departments like Electrical, Mechanical and S&T, and other Level-1 posts in various departments of Indian Railways.

Eligibility

Age Limit

Minimum Age Limit is : 18, Maximum Age limit is : 33

Age Relaxation : **OBC : 3 Years, SC / ST : 5 Years PwD : 10 Years**

Educational Qualification

The candidates who had completed their High School (Class 10) from an institution recognized by NCVT/SCVT or held National Apprenticeship Certificate (NAC) provided by NCVT are eligible to apply for RRB Group D Recruitment Exam.

Exam Pattern

The RRB Group D selection process comprises four stages:

Phase 1 : Computer Based Test

Phase 2 : (PET) Physical Efficiency Test

Phase 3 : (DV) Document Verification

Phase 4 : (MT) Medical Test

Phase 1 : CBT

Subjects	No. Of Questions	Marks	Duration
General Science	25	25	90 Minutes
Mathematics	25	25	
General Intelligence & Reasoning	30	30	
General Awareness and Current Affairs	20	20	
Total	100	100	

Phase 2 :PET

Male Candidates

Should be able to lift and carry 35 kg of weight for a distance of 100 metres in 2 minutes in one chance without putting the weight down; And, should be able to run for a distance of 1000 metres in 4 minutes and 15 seconds in one chance.

Female Candidates

Should be able to lift and carry 20 kg of weight for a distance of 100 metres in 2 minutes in one chance without putting the weight down; And, should be able to run for a distance of 1000 metres in 5 minutes and 40 seconds in one chance.

Syllabus

RRB Group D Subjects	RRB Group D Syllabus
General Science	Physics, Chemistry, and Biology of 10th standard level (as per NCERT textbooks).
Mathematics	Number system, BODMAS, Decimals, Fractions, LCM, HCF, Ratio and Proportion, Percentages, Mensuration, Time and Work, Time and Distance, Simple and Compound Interest, Profit and Loss, Algebra, Geometry and Trigonometry, Elementary Statistics, Square root, Average Calculations, Calendar & Clock, Pipes & Cistern, etc.
General Intelligence and Reasoning	Analogies, Alphabetical and Number Series, Coding and Decoding, Mathematical operations, Relationships, Syllogism, Jumbling, Venn Diagram, Data Interpretation and Sufficiency, Conclusions and Decision making, Similarities, and Differences, Analytical Reasoning, Classification, Directions, Statement – Arguments and Assumptions, etc.
General Awareness and Current Affairs	Science & Technology, Sports, Culture, Personalities, Economics, Politics and any other subject of importance.

About Exam

The Railway Recruitment Board (RRB) is the organization working under the Govt. of India and is known to issue a direct recruitment advertisement for the post of Ticket Collector (TC) under the Indian Railways.

Eligibility

Age Limit

Minimum Age Limit is : 18, Maximum Age limit is : 30

Age Relaxation : **OBC : 3 Yersars**, **SC / ST : 5 Years** **PwD : 10 Years**

Educational Qualification

The candidates must have passed the 10+2 (Intermediate) examination from a recognized board or university of India.

Exam Pattern

- Stage 1: Computer-based test (CBT)
- Stage 2: Physical Efficiency Test (PET)
- Stage 3: Medical Test
- Stage 4: Personal Interview

Phase 1 : CBT

Subject	Questions	Marks	Duration
General Awareness	25	25	90 minutes
General Intelligence & Reasoning	15	15	
Arithmetic	20	20	
Technical Subject	30	30	
General Science	30	30	
Total	120	120	

Syllabus

General Awareness	Famous Places in India , Science and innovations , new inventions , Scientific observations , History of India , Geography of India , Countries and Capitals , National and international current affairs , Indian Culture , International issues , National News (current) , Political Science , Economic issues in India , World organizations , About India and its neighbouring countries.
General Intelligence	Space Visualization , Problem Solving , Decision Making , Relationship Concepts , Non-Verbal Series , Arithmetical Computation , Analysis , Visual Memory , Similarities and Differences , Analytical Functions , Figure Classification , Number Series.
Arithmetic	Simple Interest , Boats & Streams , Discounts , Allegations & Mixtures , Profit & Loss , Math Operat or Replacement , Fundamental Operations , Geometry , Problems on squares, cubes , Compound Interest , Time & Work , Probability , Averages , Percentages , Ratios & Proportions , Simplifications , Mensuration , Number System , Time & Distance , Problems on Ages , Least Common Multiple (LCM) & Highest Common Factor (HCF).
Technical Subjects	Utilization of Electrical Energy , Basic Electrical Engineering Concepts , Power Electronics & Drives , Magnetic Circuit , Network Theory , Power Systems , AC Fundamentals , Electrical Machines , Measurement as well as measuring instruments , Basic Electronics , Estimation and costing , Analog and Digital Electronics.
Reasoning	Clocks & Calendars , Logical Sequence of Words , the odd one out , Puzzle Test , Arrangements , Blood Relations , Coding -Decoding , Inserting the Missing Character , Attention to Detail , Eligibility Test , Mathematical Operations , Alphabet Test , Classification , Statement – Arguments , Logic , Statement – Conclusions , Analogy , Alpha-Numeric Sequence Puzzle , Number, Ranking & Time Sequence , Logical Venn Diagrams , Data Sufficiency.
General Science	Physics : Mechanics of Rigid Bodies: System of particles; Centre of mass, angular momentum, equations of motion , Mechanics of particles: Laws of motion; conservation of energy and momentum , Electricity and magnetism , Waves and optics, interference and Diffraction, Polarization , Thermal & Statistical physics. Chemistry : Chemical Kinetics , Solid, Liquid and gaseous state, Atomic Structure , Thermodynamics , Electrochemistry , Photochemistry & Spectroscopy , Chemical Bonding , Organic Chemistry , Coordination Compounds. Biology : Biotechnology and its applications , Biology and Human Welfare , Zoology , Ecology and the environment , Human Body , Genetics and evolution Botany.

About Exam

India Post is a Government-operated Postal system with 23 circles in India and is a Department under the Ministry of Communications. The India Post recruits various posts of GDS (Gramin Dak Sevak), Postman, MTS, Postal Assistant, Mail Guard, and Sorting Assistant.

Eligibility

Age Limit

Minimum Age Limit is : 18, Maximum Age limit is : 32

Age Relaxation : **OBC : 3 Years**, **SC / ST : 5 Years** **PwD : 10 Years**

Educational Qualification

The candidates must have passed the 10+2 (Intermediate) examination from a recognized board or university of India. Must have basic computer skills

Exam Pattern

The exam's total duration is 120 mins, and the examination will consist of General Knowledge, Mathematics, General English, and Numerical Ability testing questions. The detailed exam pattern for the same is provided below.

Subject	Total Questions	Total Marks
GK Reasoning & Analytical Ability	25	25
Mathematics	25	25
English Language	25	25
Hindi Language	25	25
Total	100	100

Syllabus

Subject Name	Topics Included
General Knowledge	Computer Knowledge, Indian Culture, Agriculture, Business, Other Related Matters, Basic Human Behaviour, History of India, National Movements, Geography, Indian Politics, Indian Economics, Commerce, Banking & Finance, Current Affairs
Reasoning and Analytical Ability	Similarities & Differences, Decision Making, Spatial Orientation, Analysis & Judgment, Arithmetic Reasoning, Arithmetical Number Series, Observation & Visual Memory, Relationship Concepts, Coding & Decoding, Statement & Conclusion, Non-Verbal Series, Verbal and Figure Classification, Syllogistic Reasoning, Analogies, Discrimination, Problem Solving, Spatial Visualization
Mathematics	Mathematics, Trigonometric Functions, Mathematical Induction, Complex Numbers, Exponential and Logarithm Series, Solutions of Triangle, Matrices and Determinants, Probability, Logarithm, Statistics, Mathematical Logic, Boolean Algebra
Numerical Ability	Trigonometric Functions, Mathematical Induction, Complex Number, Exponential and Logarithm Series, Solutions of Triangle, Matrices and Determinants, Probability, Logarithm, Statistics, Mathematical Logic, Boolean Algebra
General English	Interest, Profit & Loss, Discount, Time & Distance, Ratio and Proportion, Work, Number Systems, Fractions, Decimals, Percentages
General English	Articles, Prepositions, Conjunctions, Tenses, Verbs, Synonyms & Antonyms, Vocabulary, Sentence Structure, Proverbs, Phrases, Unseen Passage

About Exam

Bhabha Atomic Research Centre Conducts BARC Exam for graduates for the post of Stenographer (Grade-III), Driver, and Work Assistant-A.

Eligibility

Age Limit

Minimum Age Limit is : 18, Maximum Age limit is : 27

Age Relaxation : **OBC : 3 Yersars**, **SC / ST : 5 Years** **PwD : 10 Years**

Educational Qualification

Posts	Qualification
Stenographer Grade – III	10th pass with a minimum of 50% marks , Min. speed of 80 words / min. in English Stenography , Typing speed in English of 30 words per minute.
Driver	10th pass with minimum of 50% marks , Possession of a valid driving license to drive light and heavy vehicles ,
Work Assistant - A	10th pass with minimum 50% marks

Exam Pattern

The Selection Process of BARC Recruitment following Stages:

1) Written Exam 2) Skill Test/ Type Test/ Driving Test (as per post requirement)

Test for Stenographer Post

Subject	Time Duration
General English, General Knowledge, General Intelligence & Reasoning, and Quantitative Aptitude (Arithmetic)	1 Hrs

Test for Driver Post

Name of the Subject for Level 1	Time Duration
General English, General Knowledge, Arithmetic, Motor Vehicle Act.	1 Hrs

Test for Work Assitant Post

Name of the Subject	Number of questions	Time Duration
Stage I: Preliminary Test		
Mathematics	20	1 Hour
Science	20	
General Awareness	10	
Stage II: Advanced Test		
Question related to Mathematics (15 Questions), Science (15 Questions), General Awareness (10 questions) and Basic English (10 Questions).	50	2 Hours

About Exam

Oil and Natural Gas Corporation (ONGC), which is a 'Maharatna' Central Public Sector enterprise has conducts the exam for recruitment of various Non-Executive posts.

Eligibility

Age Limit

As per the ONGC Non-Executive eligibility, the minimum age limit is 18 years and maximum age is different for the various posts.

Educational Qualification

Name of Posts	Educational Qualification
Junior Engineer	3 years diploma in the relevant engineering discipline
Junior Assistant	3 years diploma in relevant discipline

Exam Pattern

Component	Total Marks
Computer Based Test	85
Academic Performance	10
Apprenticeship Certificate	05
Total	100

Computer Based Test

Section	Details of Computer Based Test	Questions	Marks	Time
A	General Mental Ability and Aptitude to test the following Interpersonal Skills Logical Reasoning/ Analytical/ Comprehension ability Basic Numeracy and Data Interpretation Skills General Awareness	20	20	120 Min.
B	Subject/ Domain Related Questions required for the post	80	80	

Skill Test

Post Name	Skill Test
Junior Motor Vehicle , Junior Slinger Cum Rigger , Junior Assistant Operator , Junior Technician , Junior Fire Supervisor	Driving Test
Junior Assistant (Personnel & Management)	Typing Test
Junior Assistant (Material Management)	Typing Test
Junior Assistant (Account)	Typing Test
Junior Assistant Official Language)	Typing Test

Syllabus

General Mental Ability	General Aptitude	General Awareness
Missing Number	Mixture & Allegation	Indian History
Papercutting & folding	Compound Interest	Indian Polity
Logical Venn diagram	Basic algebraic identities	Indian Geography
Analogy	Data Interpretation	National & International Current Events
Arithmetic Reasoning	Problems on Ages	General Science
Counting of figures	LCM & HCF	Books & Author
Distance direction test	Partnership	Awards and Honors
Cube & Dice	Time and distance	Government Schemes
Figure Series	Pipes and Cistern	Discoveries & Inventions
Mirror Image	Time & Work	
Coding/Decoding	Average	
Blood Relation	Profit & Loss	

About Exam

The IOCL is an acronym for The Indian Oil Corporation Limited. Currently, It allows the candidates to fill up the vacancies for Engineering Assistant

Eligibility

Age Limit

Minimum Age Limit is : 18, Maximum Age limit is : 26

Age Relaxation : **OBC: 3 Yersars**, **SC / ST: 5 Years** **PwD: 10 Years**

Educational Qualification

The candidates must have passed the Engineering Diploma examination in respective field of the post from a recognized board or university of India.

Exam Pattern

Subjects	Questions	Marks	Duration
Concerned Engineering Discipline	75	75	90 minutes
General Aptitude and Reasoning, General English, Numerical Aptitude and General Knowledge	25	25	
Total	100	100	

Syllabus

Subjects	Syllabus
Technical Subjects	
Chemical Engineering	Chemical Engineering Process Calculations, Thermodynamics and Mechanical Operations, Mass Transfer, Chemical Reaction Engineering, Process Control, Plant Design and Economics, Critical Technology
Mechanical Engineering	Statics, Dynamics, Theory of Machines, Mechanics of Solids, Manufacturing Science, Production Management, Thermodynamics, Heat Transfer, Energy Conversion Environments
Electrical Engineering	Basics of Electrical Engineering, Working principles, protection types, preventive maintenance, Pumping systems, Various type of motors, various methods of various types of, Substation design and Types of earthing, testing, lightning arrestor, etc.
General Subjects	
General Aptitude and Reasoning	Alphabetical Relationship, Calendar, Cause And Effect, Coding Decoding, Data Sufficiency, Decision Making, Direction Distance Reasoning, Counting Figures
General English	Idioms and Phrases, Conditional Sentences, Newspaper Articles, Odd Man Out, Match the Following, Adverb, Cloze Test
Numerical Aptitude	Algebraic Equations, Comparison of Quantities, Sufficient Mixture and Allegation, Percentage, Number Series, Number System, Partnership, Simplification and Approximation
General Knowledge	Indian freedom struggle, Mahal Empires, Buddhism and Jainism, Concept of Budgeting, Science and Technology, Article of Constitution, Chief ministers and Government, Sites in Indian towns on rivers and banks

About Exam

ICMR (Indian Council of Medical Research) Assistant Recruitment is a national-level test for the post of assistant in the ICMR headquarters or centres all over India.

Eligibility

Age Limit

Minimum Age Limit is : 18, Maximum Age limit is : 30

Age Relaxation : **OBC : 3 Years, SC / ST : 5 Years PwD : 10 Years**

Educational Qualification

The candidates must have completed a minimum of a 3-year bachelor's degree in any discipline. and Must have basic computer skills

Exam Pattern

Subject	Questions	marks	Time
General Intelligence	20	20	80 min.
General Awareness	20	20	
Quantitative Aptitude	20	20	
English Language	20	20	
Total	20	20	

Syllabus

General Intelligence	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, Problem Solving, Word Building, Coding & decoding, Numerical Operations, Symbolic Operations, Trends, Venn Diagrams, Drawing inferences, Punched hole/ pattern-folding & unfolding, Figural Pattern-folding and completion, Indexing, Address matching, Date & city matching, Classification of centres/codes/ roll numbers, Small & Capital letters/ numbers coding, Decoding and classification, Embedded Figures, Critical thinking, Emotional Intelligence, Social Intelligence
General Awareness	Current events and such matters of everyday observations and experience in their scientific aspect, India and its neighbouring countries especially pertaining to History, Culture, Geography, Economic Scene, General Polity, Scientific Research
Quantitative Aptitude	Whole numbers, Decimals, Fractions and relationships between numbers, Percentage, Ratio & Proportion, Square roots, Averages, Interest, Profit and Loss, Discount, Partnership, Business, Mixture and Alligation, Time and distance, Time & Work, Basic algebraic identities of School Algebra & 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, Triangle, Quadrilaterals, Regular Polygons, Circle, Right Prism, Right Circular Cone, Right Circular Cylinder, Sphere, Hemisphere, Rectangular Parallelepiped, Regular Right Pyramid with triangular or square base, Trigonometric ratios, Degree and Radian Measure, Standard Identities, Complementary angles, Heights and Distances, Histogram, Frequency polygon, Bar diagram & Pie chart.
English Language	Candidates' ability to comprehend correct English, basic comprehension, and writing skill among other things, would be assessed.

About Exam

The Food Corporation of India (FCI) conducts national-level exams to recruit eligible candidates for various posts throughout the organization. for numerous posts such as FCI Junior Engineer , Stenographer , Typist, and Assistant Grade-III (AG III).

Eligibility

Age Limit

Minimum Age Limit is : 18, Maximum Age limit is : 28

Age Relaxation : **OBC : 3 Yersars**, **SC / ST : 5 Years** **PwD : 10 Years**

Educational Qualification

Post	Educational/Other Essential Qualifications
Junior Engineer	Degree/Diploma in relevant engineering stream
Assistant Grade 3	Graduation in any field/stream & Computer Proficiency
Stenographer	Graduation & "O" level qualification of DOEACC/ Degree in Computer Science/ Computer Application , typing speed of 40 WPM in typing and 80 WPM in shorthand
Typist	Graduation in any stream , 30 WPM Hindi typing speed , Bilingual typing (Hindi and English) with Computer Knowledge

Exam Pattern

Phase 1 : CBT

Section	Question	Marks	Duration	Medium
English Language	30	30	20 Minute	English
Reasoning Ability	35	35	20 Minute	Bilingual
Numerical Aptitu	35	35	20 Minute	Bilingual
Total	100	100	60 Minutes	

Phase 2 : CBT

AG-III (General and Depot) Exam Pattern of Rhase			
Subjects	Questions	Marks	Duration
General Aptitude	120	120	90 Min
Reasoning			
English Language			
Computer Proficiency			
General Awareness			
Current Events			
Data Analysis/Numerical Ability/Data Interpretation			
Phase II Exam Pattern for Typis			
Subject	Questions	Marks	Duration
General Hindi	120	120	90 Min
General English			
General Awareness			
General Intelligence			
Computer Knowledge			
Stenographer Phase Exam Pattern			
Subject	Questions	Marks	Duration
General English	120	120	90 Min
General Awareness			
General Intelligence			
Computer Knowledge			

About Exam

India Security Press ('ISP, Nashik'), established in the year 1925, is one of the oldest units of SPMCIL dealing with the printing of diverse security products. It for Recruits the candidates for various Technical & Non-Technical Posts

Eligibility

Age Limit

Minimum Age Limit is : 18, Maximum Age limit is : 25

Age Relaxation : **OBC : 3 Yersars,** **SC / ST : 5 Years** **PwD : 10 Years**

Educational Qualification

The candidates must have passed the ITI Certificate examination from a recognized from NCVT/SCVT

Exam Pattern

S.No	Subjects	No. of Questions	Total Marks	Time
1.	Professional Knowledge of the respective field, printing, Engraver/Platemaker(Lithographic), Fitter, Electronics and Electrical.	80	80	120 Minutes
2.	General Awareness	10	10	
3.	Logical Reasoning	10	10	
4.	Quantitative Aptitude	10	10	
5.	English Language	10	10	
Total		120	120	

Syllabus

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, Problem Solving, Word Building, Coding and decoding, Numerical Operations, Symbolic Operations, Trends, Venn Diagrams, Drawing inferences, Punched hole/ pattern- folding & unfolding, Figural Pattern- folding and completion, Indexing, Address matching, Date & city matching, Classification of centre codes/ roll numbers, Small & Capital letters/ numbers coding, Decoding and classification, Embedded Figures, Critical thinking, Emotional Intelligence, Social Intelligence
General Awareness	Current events and such matters of everyday observations and experience in their scientific aspects and its neighbouring countries especially pertaining to History, Culture, Geography, Economic Scene, General Polity, Scientific Research
Quantitative Aptitude	Whole numbers, Decimals, Fractions and relationships between numbers, Percentage, Ratio & Proportion, Square roots, Averages, Interest, Profit and Loss, Discount, Partnership, Business, Mixture and Alligation, Time and distance, Time & Work, Basic algebraic identities of School Algebra & 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, Triangle, Quadrilaterals, Regular Polygons, Circle, Right Prism, Right Circular Cone, Right Circular Cylinder, Sphere, Hemisphere, 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 & Pie chart.
English Language	Candidates' ability to comprehend correct English, basic comprehension, and writing skills, among other things, would be assessed.

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Status Point,
Opp. S.P. College,
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Pune

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