

RRB – Grade I and Grade III

S. No	Posting	Posting (Technical III)	Educational Qualification
1.	Technician Grade I	Signal	<p>A. Degree in Science/, Electronics/, Computer Science/, Information Technology/Instrumentation (or)</p> <p>B. Degree Applied Subject Electronics/, Computer Science/, Information Technology/Instrumentation (or)</p> <p>C. 3 Year Diploma in Engineering (or)</p> <p>D. Degree In Engineering</p>

Technician grade III	S.No	Posting (Technical III)	Educational Qualification
	1.	Blacksmith	<p>Matriculation/SSLC plus ITI from recognized institutions of NCVT/SCVT in the trade of Forger and Heat Treater/Foundryman / Pattern Maker / Moulder (Refractory). (OR)</p> <p>Matriculation/SSLC plus Course Completed Act Apprenticeship in the trades mentioned above.</p>
	2.	Bridge	<p>Matriculation/SSLC plus ITI from recognized institutions of NCVT/SCVT in the trade of Fitter/Fitter (Structural) / Welder. (OR) Matriculation / SSLC plus Course Completed Act</p>

			Apprenticeship in the trades mentioned above
	3.	Carriage and wagon	Matriculation/SSLC plus ITI from recognized institutions of NCVT/SCVT in the trade of Fitter/Carpenter / Welder / Plumber / Pipe Fitter. (OR) Matriculation/ SSLC plus Course Completed Act Apprenticeship in the trades mentioned above
	4.	Crane Driver	4)Matriculation/SSLC plus ITI from recognized institutions of NCVT/SCVT in the trade of Mechanic (Motor Vehicle) / Material Handling Equipment cum Operator/Crane operator/ operator Locomotive and Rail Cranes. (OR) Matriculation / SSLC plus Course Completed Act Apprenticeship in the trades mentioned above
	5.	Diesel (Electrical)	5)Matriculation/SSLC plus ITI from recognized institutions of NCVT/SCVT in the trade of Electrician/Mechanic Auto Electrical and Electronics/Wireman/Electronics Mechanic/ Mechanic Power Electronics. (OR) Matriculation/SSLC plus Course Completed Act Apprenticeship in the trades mentioned above
	6.	Diesel (Mechanical)	6)Matriculation/SSLC plus ITI from recognized institutions of NCVT/SCVT in the trade of Fitter / Mechanic Diesel / Mechanic (Repair and Maintenance of Heavy Vehicles) / Mechanic Automobile (Advanced Diesel Engine) / Mechanic (Motor Vehicle) / Tractor Mechanic/Welder/Painter. (OR) Matriculation / SSLC plus Course Completed Act Apprenticeship in the trades mentioned above.
	7.	Electrical	7) Matriculation/SSLC plus ITI from recognized institutions of NCVT/SCVT in the trade of

			Electrician/Wireman / Mechanic (HT, LT Equipments and Cable Jointing) / Electronics Mechanic. (OR) Matriculation/SSLC plus Course Completed Act Apprenticeship in the trades mentioned above
	8.	Electrical / TRS	8)Matriculation/SSLC plus ITI from recognized institutions of NCVT/SCVT in the trade of Electrician/Wireman / Electronics Mechanic / Mechanic Power Electronics / Mechanic (HT, LT Equipments and Cable Jointing)/ Fitter/Welder/Painter General/Machinist/ Carpenter. (OR) Matriculation/SSLC plus Course Completed Act Apprenticeship in the trades mentioned above
	9.	EMU	9)Matriculation/SSLC plus ITI from recognized institutions of NCVT/SCVT in the trade of Electrician/Wireman / Electronics Mechanic / Mechanic Power Electronics / Mechanic (HT, LT Equipments and Cable Jointing)/ Fitter/Welder/Painter General/Machinist/ Carpenter/Operator Advanced Machine Tool. (OR) Matriculation / SSLC plus Course Completed ActApprenticeship in the trades mentioned above.
	10.	Fitter	10)Matriculation / SSLC plus ITI from recognized institutions of NET/SCVT in the trade of Fitter. (OR) Matriculation / SSLC plus Course Completed Act Apprenticeship in the trades mentioned above.
	11.	Permanent way	11) Matriculation/SSLC plus ITI from recognized institutions of NCVT/SCVT in the trade of

			Fitter/Welder/Machinist/Machinist (Grinder). (OR) Matriculation/SSLC plus Course Completed Act Apprenticeship in the trades mentioned above.
	12.	Perfigeration and air conditioning	12)Matriculation/SSLC plus ITI from recognized institutions of NCVT/SCVT in the trade of Refrigeration and Air Conditioning Mechanic / Electrician / Wireman / Electronics Mechanic. (OR) Matriculation/SSLC plus Course Completed Act Apprenticeship in the trades mentioned above.
	13.	Riveter	13)Matriculation/SSLC plus ITI from recognized institutions of NCVT/SCVT in the trade of Machinist/Machinist (Grinder). (OR) Matriculation/SSLC plus Course Completed Act Apprenticeship in the trades mentioned above.
	14.	S&T	14)(A) Matriculation/SSLC plus ITI certificate from recognised Institutions of NCVT/SCVT in the trades of in Electronics Mechanic/Electrician/ Wireman, (OR) Matriculation/ SSLC plus Course Completed Act Apprenticeship in the trade mentioned above. (OR) (B) 10+2 with Physics and Maths.
	15.	Track Machine	15)Matriculation/SSLC plus ITI from recognized institutions of NCVT/SCVT in the trade of Fitter/Electrician/Electronics Mechanic/Instrument Mechanic/Mechanic Mechatronics /Mechanic Diesel/Mechanic (Motor Vehicle) / Welder/Machinist. (OR) Matriculation/ SSLC plus Course Completed Act Apprenticeship in the trades mentioned above
	16.	Turner	16)Matriculation/SSLC plus ITI from recognized institutions of NCVT/SCVT in the trade of Turner/Operator Advanced

			Machine Tool. (OR) Matriculation / SSLC plus Course Completed Act Apprenticeship in the trades mentioned above.
	17.	Welder	17)Matriculation/SSLC plus ITI from recognized institutions of NCVT/SCVT in the trade of Welder/Welder (Gas and Electric) / Gas Cutter / Welder (Structural)/ Welder (Pipe) / Welder (TIG/MIG). (OR) Matriculation / SSLC plus Course Completed Act Apprenticeship in the trades mentioned above.

3 Stage of Examination:

- Stage I - CBT I
- Stage II - Document Verification
- Stage III - Medical Examination

Stage I – CBT (Computer Based Test)

- Negative Mark @1/3rd Marks for each wrong answer.

Grade I				
Mode	Subject	No of Question	Maximum Marks	Duration
Objective Type / Multiple Choice	General Awareness	10	10	90 Minutes
	General Intelligence and Reasoning	15	15	
	Basic Computer Application	20	20	
	Mathematics	20	20	
	Basic Science and Engineering	35	35	
Total			100	

Grade III				
Mode	Subject	No of Question	Maximum Marks	Duration
Objective Type / Multiple Choice	Mathematics	25	25	90 Minutes
	General Intelligence and Reasoning	25	25	
	General Science	40	40	
	General Awareness	10	10	
Total			100	

Syllabus – Grade I

- **General Awareness:**

Knowledge of Current affairs, Indian geography, culture and history of India including freedom struggle, Indian Polity and constitution, Indian Economy, Environmental issues concerning India and the World, Sports, General scientific and technological developments, 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.

- **Basics of Computers and Applications:**

Architecture of Computers; input and Output devices; Storage devices, Networking, Operating System like Windows, Unix, Linux; MS Office; Various data representation: Internet and Email: Websites & Web Browsers; Computer Virus.

Syllabus – Grade III

- **Mathematics:**

Number system, Rational and irrational numbers, BODMAS rule, Quadratic Equations, Arithmetic Progression, Similar Triangles, Pythagoras Theorem, Co-ordinate Geometry, Trigonometrical Ratios, Heights and distances, Surface area and Volume; Sets: Sets and their representations, Empty set, Finite and Infinite sets, Equal sets, Subsets, Subsets of a set of real numbers, Universal set, Venn diagrams, Union and Intersection of sets. Difference of sets, Complement of a set, Properties of Complement: Statistics. Measures of Dispersion: Range, Mean deviation, variance and standard deviation of ungrouped/grouped data, probability occurrence of events, exhaustive events, mutually exclusive events.

- **Basic Science and Engineering:**

Physics fundamentals- Units, Measurements, Mass. Weight. Density, Work, Power, and Energy, Speed and Velocity, Heat and Temperature, Electricity and Magnetism-Electric Charge, Field, and Intensity, Electric Potential and Potential Difference, Simple Electric Circuits, Conductors, Non-conductors/Insulators, Ohm's Law and its Limitations, Resistances

- 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, Age 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 Science: The syllabus under this shall cover Physics, Chemistry and Life Sciences of 10th standard level.
- General Awareness: on current affairs in science & technology, sports, culture, personalities, economics, politics and any other subject of importance

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