

If these requirements are not met, the RRB may assign a scribe at its discretion, provided the candidate still wishes to avail the scribe facility. The qualification of the scribe provided by RRB will not be more than the minimum qualification of the CEN. However, the qualification of the scribe would always be matriculate or above.

14.7.10 Candidates eligible to use the services of a scribe, as outlined in Paras 14.7.1, 14.7.2, and 14.7.3, may avail the facility of a scribe and/or compensatory time, if they so desire.

- (a) A compensatory time of 20 minutes per hour of examination will be provided to candidates permitted to use a scribe, as specified in the above-mentioned paragraphs.
- (b) Candidates referred to in Paras 14.7.1, 14.7.2, and 14.7.3, who are eligible for the use of a scribe but choose not to avail the facility, may also be granted compensatory time of 20 minutes per hour of examination, if they so desire.

14.7.11 Conditions regarding engagement of scribe shall be subject to various provisions/orders of the competent authority, as amended from time to time.

15.0 NO OBJECTION CERTIFICATE (NOC) FROM PRESENT EMPLOYER:

Candidates serving (including those undergoing induction training/probation) in any Central/State Government Department including Railways or Public Sector Undertakings, may apply directly to the RRBs duly informing their employer. Shortlisted candidates should produce an NOC from the employer on the date of DV, failing which their candidature will be cancelled. It is the sole responsibility of the candidate to submit the NOC from his/her current employer within the prescribed time limit during/at the time of Document verification/empanelment/appointment, failing which his/her candidature/empanelment/appointment will be rejected & cancelled.

NOTE: Candidates should note that in case a communication is received from their employer, by the RRB concerned, withholding permission to the candidates applying for/appearing in the examination, their application/candidature will be liable to be rejected /cancelled.

16.0 RECRUITMENT PROCESS:

- (a) Candidates should apply only through ONLINE mode through any of the official websites of the RRBs. Candidates can apply to only one RRB for a pay level and only one common ONLINE application (in order of preference for any or all the notified posts in that pay level for which the candidate is eligible and interested to apply) should be submitted by a candidate in a pay level. The selection of RRB once exercised shall be final. Application to more than one RRB for the same pay level by a candidate will lead to rejection of all the applications for that Pay Level.
- (b) The recruitment process shall comprise of the following stages:
 - (i) Computer Based Test (CBT)
 - (ii) Document Verification (DV) and
 - (iii) Medical Examination (ME)
- (c) Information on examination schedule and venues will be given to eligible candidates in due course through RRB websites, SMS and email.
- (d) Request for postponement of any of the stages or for change of venue, date and shift will not be entertained under any circumstances.

16.1 Computer Based Test (CBT):

There will be a separate CBT for each pay level.

1. Pattern & Syllabus of CBT for Pay Level- 5 post i.e., Technician Gr I Signal

- (a) Total Duration: 90 min & Total Questions: 100
- (b) There shall be negative marking @1/3rd marks for each wrong answer.
- (c) Normalization of marks will be done for CBT held in multiple shifts.
- (d) Minimum percentage of marks for eligibility in various communities: UR-40%, EWS-40%, OBC (Non-Creamy Layer)-30%, SC-30% and ST-25%. This is also applicable to Ex. Servicemen category candidates, as per their community. These percentages of marks for eligibility may be relaxed by 2 marks for PwBD candidates in case of shortage of PwBD candidates against vacancies reserved for them.
- (e) **The marks scored in CBT shall be used for shortlisting of candidates for further stages of this recruitment process**
- (f) **Syllabus for CBT of Technician Gr I Signal:** Questions will be of objective type with multiple choice answers and are likely to cover topics pertaining to the following syllabus

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.

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 in Series and Parallel of a Circuit and Specific Resistance, Relation between Electric Potential, Energy, and Power (Wattage), Ampere's Law, Magnetic Force on Moving Charged Particle and Long Straight Conductors, Electromagnetic Induction, Faraday's Law, and Electromagnetic Flux, Magnetic Field, Magnetic Induction; Electronics and Measurements- Basic Electronics, Digital Electronics, Electronic Devices and Circuits, Microcontroller, Microprocessor, Electronic Measurements, Measuring Systems and Principles, Range Extension Methods, Cathode Ray Oscilloscope, LCD, LED Panel, Transducers.

It may be noted that the topics listed above are illustrative and not necessarily exhaustive.

Tentative subject-wise break-up of questions and marks for CBT of Technician Gr I Signal		
Subjects	No of Questions	Marks for each Section
General Awareness	10	10
General Intelligence and Reasoning	15	15
Basics of Computers and Applications	20	20
Mathematics	20	20
Basic Science and Engineering	35	35
Total	100	100

The subject-wise distribution given above is merely indicative. The question papers may vary.

2. Pattern & Syllabus of CBT for Pay Level 2 i.e., Technician Gr III

- Total Duration: 90 minutes & Total Questions: 100
- There shall be negative marking @1/3rd marks for each wrong answer.
- Normalization of marks will be done for CBT held in multiple shifts.
- Minimum percentage of marks for eligibility in various communities: UR-40%, EWS-40%, OBC (Non-Creamy Layer)-30%, SC-30% and ST-25%. This is also applicable to Ex. Servicemen category candidates, as per their community. These percentages of marks for eligibility may be relaxed by 2 marks for PwBD candidates in case of shortage of PwBD candidates against vacancies reserved for them.
- The marks scored in CBT shall be used for shortlisting of candidates for further stages of this recruitment process.**

- (f) **Syllabus for CBT for Pay Level-2 posts i.e., various Categories of Technician Gr III:** Questions will be of objective type with multiple choice answers and are likely to cover topics pertaining to the following syllabus

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.

It may be noted that the topics listed above are illustrative and not necessarily exhaustive.

Tentative subject-wise break-up of questions and marks for CBT of Technician Gr III		
Subject	No. of Questions	Marks
Mathematics	25	25
General Intelligence & Reasoning	25	25
General Science	40	40
General Awareness	10	10
Total	100	100
The subject-wise distribution given above is merely indicative. The question papers may vary.		

16.2 Document Verification (DV):

- 16.2.1 Candidates will be shortlisted for Document Verification based on their marks and merit in the CBT for the respective Pay Levels. The number of shortlisted candidates will be equal to the number of vacancies.
- 16.2.2 In case two or more candidates secure equal marks, their merit position shall be determined by age criteria i.e., the older candidate shall be given higher merit than the younger candidate and in case age being same, then alphabetical order (A to Z) of the given name (not surname) shall be taken into account to break the tie.
- 16.2.3 Appointment of selected candidates is subject to their passing the requisite Medical Fitness Test to be conducted by the Railway Administration and final verification of all essential documents and verification of antecedents / character of the candidates.
- 16.2.4 In case of any shortfall in empanelment or other exigencies, RRBs reserve the right to utilise the candidates down in the merit list if required, as per merit and options of such candidates. This however, will not confer any vested right on such candidates to be considered for appointment.
- 16.2.5 Candidates may please note that RRBs only recommend names of empanelled candidates to the Railway Administrations concerned. The offer of appointment is issued only by the respective Railway Administrations.
- 16.2.6 During Document Verification, candidates will have to produce their original certificates. No additional time will be given and the candidature of the candidate not producing their original certificates on the date of verification is liable to be forfeited.