

- (f) Candidates requesting for scribe will have to provide additional details of their Scribe [as per Annexure-V(D)] in the ONLINE application, so that RRBs can issue necessary e-call letters.
- (g) During the CBT, the e-call letters shall be signed by both candidate and scribe. Change of scribe is not permissible at the CBT venue and hence it is the responsibility of the candidate to ensure availability of the same scribe. However, under exceptional circumstances, change may be allowed duly recording reasons and filling the relevant details including photograph of the changed scribe.
- (h) Candidates availing the assistance of a scribe shall be eligible for compensatory time of 20 minutes for every hour of CBT.

11.6 All one-eyed candidates and candidates whose visual degree of disability is less than 40%, shall not be eligible for engaging a scribe.

11.7 Selected PwBD candidates will be subjected to medical examination by Railway Medical Authorities after their DV and only those conforming to the prescribed Medical Standards, will be eligible for empanelment (against posts identified as suitable for their disability).

**12.0 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.

**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.

**13.0 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
  - (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.

**13.1 Computer Based Test (CBT):**

There will be separate CBT for each pay level.

**(A) Pattern & Syllabus of CBT for Pay Level-5 post i.e., Technician Gr I Signal**

- (i) Total Duration: 90 min & Total Questions: 100
- (ii) There shall be negative marking @1/3rd marks for each wrong answer.
- (iii) Normalization of marks will be done for CBT held in multiple shifts.
- (iv) Minimum pass percentage for eligibility: UR & EWS - 40%, OBC(NCL) - 30%, SC - 30%, ST - 25%. These percentages may be relaxed by 2% for PwBD candidates in case of shortage.
- (v) **The marks scored in CBT shall be counted for shortlisting of candidates for further stages of this recruitment process.**
- (vi) **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.

<b>Tentative subject-wise break-up of questions and marks for CBT of Technician Gr I Signal</b>		
<b>Subjects</b>	<b>No of Questions</b>	<b>Marks for each Section</b>
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
<b>Total</b>	<b>100</b>	<b>100</b>
(i) Duration: 90 minutes (with 30 minutes extra time for PwBD candidates using scribe).		
(ii) The subject-wise distribution given above is merely indicative. The question papers may vary.		

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

- (i) Total Duration: 90 minutes & Total Questions: 100
- (ii) There shall be negative marking @1/3rd marks for each wrong answer.
- (iii) Normalization of marks will be done for CBT held in multiple shifts.
- (iv) Minimum pass percentage for eligibility: UR & EWS - 40%, OBC (NCL) - 30%, SC - 30%, ST - 25%. These percentages may be relaxed by 2% for PwBD candidates in case of shortage.
- (v) **The marks scored in CBT shall be counted for shortlisting of candidates for further stages of this recruitment process.**
- (vi) **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.

<b>Tentative subject-wise break-up of questions and marks for CBT of Technician Gr III</b>		
<b>Subjects</b>	<b>No of Questions</b>	<b>Marks for each Section</b>
Mathematics	25	25
General Intelligence & Reasoning	25	25
General Science	40	40
General Awareness	10	10
<b>Total</b>	<b>100</b>	<b>100</b>
(i) Duration: 90 minutes (with 30 minutes extra time for PwBD candidates using scribe).		
(ii) The subject-wise distribution given above is merely indicative. The question papers may vary.		

### 13.2 Document Verification (DV):

- 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.
- 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.
- 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.
- 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.

### 14.0 HOW TO APPLY:

- Candidates must read all the information and instructions carefully before filling the ONLINE application to prevent mistakes.
- Candidates must first 'Create an account' for this CEN through the link given in the official RRB websites at para 14 (f) below. They must have an active personal mobile number and a valid email ID for receiving OTPs for account creation. No change in details filled in 'Create an Account' form (including mobile number and email ID) will be permitted later. If a candidate has already Created an Account for CEN No 01/2024, they should use same account credentials to log in and apply for this CEN (i.e., CEN No. 02/2024) as well.
- Each candidate is allowed to apply to only one RRB for a specific pay level, and only one common ONLINE application should be submitted by a candidate for any or all of the notified posts, in the order of preference in that pay level, for which the candidate is eligible and interested to apply. Applications should be submitted only through any of the official RRB websites listed in Para 14 (f) below. A separate application must be submitted for each Pay Level, as a separate CBT will be conducted for each Pay Level. The applicable Examination Fee is also required to be paid separately for each Pay Level. Once the application is submitted, the RRB selected shall be final for that pay level. Applying to more than one RRB for the same Pay Level by a candidate will result in the rejection of all applications for that Pay Level and debarment

**Note:** Candidate having multiple educational qualifications that make him eligible to apply for Pay Levels 2 and Pay Level 5 (for e.g. ITI in the relevant trade and also any one of the prescribed qualifications for Technician Gr I Signal) must submit separate applications for each Pay Level i.e., one application for Technician Gr III and another application for Technician Gr I Signal.

**Scribe for PwBD Candidates:** Indicate option for scribe if you are a PwBD candidate and eligible for scribe. Only the candidates suffering from Visually Impairment (VI) or the candidates whose writing speed is affected by Cerebral Palsy/muscular dystrophy/candidates with Locomotor disability (one arm)/Intellectual disability (Autism, specific learning disability and mental illness) are eligible for availing scribe against this CEN. In case you have firmed up the scribe, then enter the details of scribe such as name, father's name, educational qualification etc. The scribe so arranged should not himself/herself be the candidate for the notification for which the candidate is appearing and same scribe should not be engaged for more than one candidate.

- ONLINE Mandatory Scanned Documents** to be kept ready before filling the application:
  - Recent, clear colour passport size photograph (against a plain white background) of the **candidate** in JPEG image (size 30 to 70KB) – without wearing dark glasses and/or cap.  
**Note: Candidates must have at least 12 (twelve) copies of the same photograph for future use during the recruitment process.**
  - Scanned JPEG image of candidate's signature in running handwriting (size 30 to 70KB)
  - SC/ST Certificate** (only for candidates requesting free pass for train travel) in pdf format (upto 500KB).