

## INSTRUCTION FOR CANDIDATES

### Educational Qualification :

S.No.	Three years Diploma in Engineering or Bachelor's degree in Engineering/Technology	Exam Group
1	Mechanical Engineering	Mechanical and Allied Engineering
	Production Engineering	
	Automobile Engineering	
	Manufacturing Engineering	
	Mechatronics Engineering	
	Industrial Engineering	
	Machining Engineering	
	Tools and Machining Engineering	
	Tools and Die Making Engineering	
	Combination of any sub stream of basic streams of above disciplines	
2	Electrical Engineering	Electrical and Allied Engineering
	Combination of any sub stream of basic streams of Electrical Engineering	
3	Electronics Engineering	Electronics and Allied Engineering
	Instrumentation and Control Engineering	
	Communication Engineering	
	Computer Science and Engineering	
	Computer Engineering	
	Computer Science	
	Information Technology	
	Combination of sub streams of basic streams of above disciplines	
4	Civil Engineering	Civil and Allied Engineering
	Combination of any sub stream of basic streams of Civil Engineering	
	B.Sc., in Civil Engineering of 3years duration	

S.No.	Educational Qualifications	Exam Group
1	B.Sc., Chemistry and Physics	CMA

S.No.	Educational Qualifications	Exam Group
1	Degree or its equivalent in Chemical Technology from a recognized University / Institution covering any one or more of the following fields: a) Petroleum Products, b) Paints and Corrosion Prevention c) Polymers. Knowledge of any computer language will be essential	Chemical and Metallurgical Supervisor
	Degree or its equivalent in Metallurgical Engineering from a recognized University / Institution. Knowledge of any computer language will be essential.	

### Age :

- Minimum : 18 Years
- Maximum : 36 Years

### Age Relaxation

- Age Relaxation in upper age limit / maximum upper age for the following categories are applicable subject to submission of requisite certificates.

### Stages of exam :

- (i) 1 st Stage Computer Based Test (CBT-I)
- (ii) 2 nd Stage Computer Based Test (CBT-II)
- (iii) Document Verification (DV)
- (iv) Medical Examination (ME)

**Negative Marking :** There will be negative marking 1/3 rd mark of allotted mark for every wrong answer in CBT.

**Medium of Examination:** Questions for CBTs will be available in English, Hindi and 13 regional Indian languages (viz., Assamese, Bengali, Gujarati, Kannada, Konkani, Malayalam, Manipuri, Marathi, Odia, Punjabi, Tamil, Telugu and Urdu). Accordingly, candidates must choose their medium of examination from any one amongst those listed in the online application form. CBT questions will be displayed in the language opted and in English.

RRB-wise shortlisting of candidates for 2nd Stage CBT shall normally be done at the rate of 15 times the number of vacancies (that may increase or decrease as per the requirement of Railway Administration). The shortlisting for 2<sup>nd</sup> Stage CBT will be based on the merit of the candidates in the 1st Stage CBT as per reservation of vacancies as applicable.

S. No.	Medical Standard	General Fitness	Vision Standards
1	A-3	Physically fit in all respects	i. Distance Vision: 6/9, 6/9 with or without glasses (power of lenses not to exceed 2D), ii. Near Vision: Sn:0.6, 0.6 with or without glasses, and iii. Must pass test for Colour vision, Binocular vision, Night vision and Mesopic vision.
2	B-1	Physically fit in all respects	i. Distance Vision: 6/9, 6/12 with or without glasses (power of lenses not to exceed 4D). ii. Near Vision: Sn: 0.6, 0.6 with or without glasses when reading or close work is required and iii. Must pass test for Colour vision, Binocular vision, Night vision and Mesopic vision.
3	B-2	Physically fit in all respects	i. Distance Vision: 6/9, 6/12 with or without glasses (power of lenses not to exceed 4D). ii. Near Vision: Sn: 0.6, 0.6 with or without glasses when reading or close work is required and iii. Must pass test for Binocular vision.
4	C-1	Physically fit in all respects	i. Distance Vision: 6/12, 6/18 with or without glasses and ii. Near Vision: Sn: 0.6, 0.6 with or without glasses when reading or close work is required.

## 1<sup>st</sup> Stage CBT

**Duration :** 90 minutes (120 Minutes for eligible PwBD candidates accompanied with Scribe)

**No. of Questions :** 100

The 1st stage CBT is of screening nature and the standard of questions for the CBT will be generally in conformity with the educational standards and/or minimum technical qualifications prescribed for the posts. The normalized score of 1 st stage exam shall be used only for short listing of candidates for 2nd stage exam as per their merit. Candidates who are shortlisted for 2nd stage CBT availing the reservation benefits of a community, PwBD and ExSM shall continue to be considered only against that community for all subsequent stages of recruitment process. The Questions will be of objective type with multiple choices and are likely to include questions pertaining to:

Subjects	No. of Questions	Marks for each Section
	CBT-I	CBT-I
Mathematics	30	30
General Intelligence & Reasoning	25	25
General Awareness	15	15
General Science	30	30
<b>Total</b>	<b>100</b>	<b>100</b>
Time in Minutes	90	

- Minimum percentage of marks for eligibility in various categories: UR -40%, EWS-40%, OBC-30%, SC-30%, ST -25%. These percentage of marks for eligibility may be relaxed by 2% for PwBD candidates in case of shortage of PwBD candidates against vacancies reserved for them

## 2<sup>nd</sup> Stage CBT:

Short listing of Candidates for the 2nd Stage CBT exam shall be based on the normalized marks obtained by them in the 1 st Stage CBT Exam. Total number of candidates to be shortlisted for 2 nd Stage shall be 15 times the community wise total vacancy of Posts notified against the RRB as per their merit in 1 st Stage CBT.

**Duration :** 120 minutes (160 Minutes for eligible PwBD candidates accompanied with Scribe)

**No of Questions :** 150

Subjects	No. of Questions	Marks for each Section
	CBT-II	CBT-II
General Awareness	15	15
Physics & Chemistry	15	15
Basics of Computers and Applications	10	10
Basics of Environment and Pollution Control	10	10
Technical Abilities	100	100
Total	150	150
Time in Minutes 120	120	

- Minimum percentage of marks for eligibility in various categories: UR-40%, EWS-40%, OBC-30%, SC-30%, ST-25%. This percentage of marks for eligibility may be relaxed by 2% for PwBD candidates, in case of shortage of PwBD candidates against vacancies reserved for them.
- Virtual calculator will be made available on the Computer Monitor during 2 nd Stage CBT.

#### **SHORTLISTING OF CANDIDATES FOR 2nd STAGE CBT, DV AND EMPANELMENT:**

- Short listing of Candidates for the DV shall be based on the normalized marks obtained by them in 2nd Stage CBT. The normalization scheme to be adopted for short listing the candidates from 1st Stage CBT to 2nd Stage CBT and for DV on the basis of performance in 2nd Stage CBT is detailed below:

#### **NORMALISATION OF MARKS:**

- a) Whenever CBT is conducted in multiple sessions for the same syllabus, the raw marks obtained by the candidates in different sessions will be converted to normalized marks.
- b) The raw marks for a single session CBT and normalized marks for multi-session CBTs will be used for computing Merit Index, which is a common benchmark for generating merit for candidates from different Exam Groups.

#### **DOCUMENT VERIFICATION (DV) :**

- (a) Candidates will be shortlisted for Document Verification based on their marks and merit in the 2 nd stage CBT and options. The number of shortlisted candidates will be equal to the number of vacancies.
- (b) 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.
- (c) Candidates shortlisted for DV will have to submit all their original documents along with two sets of selfattested photocopies at the time of DV.
- (d) Further, these candidates should upload the scanned copies (in true colour) of Photo & Signature before their DV date through the portal