12.2 The last date for registration of online application i.e. on or before 12.04.2019 of this CEN shall be the cutoff date for completion of Apprenticeship. A candidate shall be considered to have completed the Act Apprenticeship training, only if he has appeared in the NCVT examination before the last date for registration of online application i.e on or before 12.04.2019 of this CEN and result for which might not have been declared. However, the candidate should submit the NAC certificate issued by NCVT during document verification failing which he/she shall not be eligible for reservation as CCAA (trained in Railway Establishment) under this provision.

12.3 The course completed Act Apprentices will be eligible to apply for any RRB/RRC irrespective of the railway establishment in which they have been trained subject to fulfilling other eligibility conditions.

Special Note for all Candidates seeking reservation/relaxation benefits:

All the candidates seeking reservation/relaxation benefits available for SC/ST/OBC-NCL/EWS/PwBD/ExSM/CCAA (trained in Railway Establishment) must ensure that they are entitled to such reservation/relaxation as per eligibility prescribed in the Rules/CEN. They should be in possession of all the requisite certificates in the prescribed format in support of their claim as stipulated in the Rules/CEN.

13.0 NO OBJECTION CERTIFICATE (NOC) FOR SERVING EMPLOYEES:

13.1 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/RRCs duly informing their Employer. **Shortlisted candidates should produce NOC from the employer during document verification, failing which their candidature will be cancelled**.

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

14.0 RECRUITMENT PROCESS

Only single online application has to be submitted by the candidate to the RRB/RRC of their choice for all the notified posts of that RRB/RRC through the link provided on the official website.

The entire recruitment process shall involve Computer Based Test(s), Physical Efficiency Test (PET), Document Verification and Medical Examination.

The date, time and venue for all the activities, namely, CBT, PET, DV and Medical Examination or any other additional activity as applicable shall be fixed by the RRBs/RRCs and shall be intimated to the eligible candidates in due course. Request for postponement of any of the above activity or for change of venue, date and shift will not be entertained under any circumstances.

14.1 Computer Based Test

All the eligible candidates have to undergo a Computer Based Test(s) on the specified date(s), time and venue(s) as per the e-call letter to be downloaded by the candidates from the websites of RRBs/RRCs. The information about the e-call letter download shall be communicated through the websites as well as personal email communication to the candidates.

The examination duration and number of questions for CBT are indicated below:

Exam Duration in Minutes	No of Questions (each of 1 mark) from				Total No of Questions
	General Science	Mathematics	General Intelligence and Reasoning	General Awareness and Current Affairs	
90*	25	25	30	20	100

*The examination duration will be 120 Minutes for eligible PwBD candidates accompanied with Scribe.

The section wise distribution given in the above table is only indicative and there may be some variation in the actual question paper. **There will be negative marking and 1/3 marks shall be deducted for each wrong answer.**

Minimum percentage of marks for eligibility in various categories: UR-40%, EWS-40%, OBC(Non creamy layer)-30%, SC-30%, ST-30%. 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.

Where a second stage CBT is deemed necessary and held, the Railway Administration reserves the right to treat the first stage CBT as a qualifying test for the purpose of short listing a reasonable number of candidates for the second stage.

 Question Type and Syllabus:

The Questions will be of objective type with multiple choices and are likely to include questions pertaining to:

a. **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.

b. **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.

c. **General Science**

   The syllabus under this shall cover Physics, Chemistry and Life Sciences of 10th standard level (CBSE).

d. **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.

14.2 **PHYSICAL EFFICIENCY TESTS (PET)**

Based on the merit of the candidates in the CBT, candidates shall be called for PET **Three times** the community wise total vacancy of the Posts notified against RRBs/RRCs. However, Railways reserve the right to increase/decrease this ratio as required to ensure availability of adequate/reasonable number of candidates for all the notified posts. Passing Physical Efficiency Test (PET) is mandatory and the same will be qualifying in nature. The criterion for PET is as under:

Male candidates	Female 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 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 4 minutes and 15 seconds in one chance.	Should be able to run for a distance of 1000 metres in 5 minutes and 40 seconds in one chance.

Note:

1) *The Persons with Benchmark Disabilities(PwBD) as specified in Para 11.0 are exempted from appearing for PET. However, after qualifying in the CBT, <u>such candidates will have to pass the medical examination prescribed for PwBD.</u>*

2) *It is the candidates' responsibility to ensure that they are medically fit enough to attempt the PET. Railways will not be responsible for any injury/harm suffered by candidates as a result of participating in the PET.*

14.3   Document Verification and Empanelling of Candidates

Based on the performance of candidates in CBT subject to their qualifying in PET, candidates twice the number of vacancies will be called for Document Verification as per their merit and options.

These additional candidates will, however, be considered for empanelment only if there is a shortfall in empanelment from the merit list or/and as replacement against the shortfall on account of not joining of recommended candidates in the working post or/and any other special requirements.

In case of two or more candidates securing same marks, their merit position shall be determined by age criteria i.e., older person shall be placed at higher merit and in case age being same, then alphabetical order (A to Z) of the name shall be taken into account to break the tie.

Appointment of selected candidates is subject to their passing requisite Medical Fitness Test to be conducted by the Railway Administration, final verification of educational and community certificates and verification of antecedents/character of the candidates.

It may also be noted that all candidates successful in DV are sent for Medical Examination. Clearing of such Medical Examination by additional candidates (those called for DV beyond the notified number of vacancies) will give such candidates no right to be considered for appointment.

Candidates may please note that RRBs/RRCs only recommend names of the empanelled candidates and appointment is offered ONLY by the respective Railway Administrations.

15.0   NORMALISATION OF MARKS:

Short listing of Candidates for various stages shall be based on the normalized marks obtained by them whenever CBT is conducted in multiple sessions for the same syllabus. The normalization scheme to be adopted for short listing the candidates from CBT to PET (as applicable) and for document verification is detailed below:

15.1   **CALCULATION OF NORMALIZED MARKS FOR MULTI-SESSION PAPERS:** In CBT, the examination may have to be conducted in multiple sessions. For these multisession papers, a suitable normalization is applied to take into account any variation in the difficulty levels of the question papers across different sessions. The formula for calculating the normalized marks for the multi-session papers is detailed below:

Normalization mark of jth candidate in i^{th} session $\widehat{M}_{ij}$ is given by :

$$\widehat{M}_{ij} = \frac{\overline{M}_t^g - M_q^g}{M_{ti} - M_{iq}}(M_{ij} - M_{iq}) + M_q^g$$

M_{ij} : is the actual marks obtained by the jth candidate in i^{th} session.

$\overline{M}_t^g$: is the average marks of the top 0.1% of the candidates considering all sessions.

M_q^g : is the sum of mean and standard deviation marks of the candidates in the paper considering all sessions.

$\overline{M}_{ti}$: is the average marks of the top 0.1% of the candidates in the ith session or marks of topper if session strength is less than 1000.

M_{iq} : is the sum of the mean marks and standard deviation of the ith session.

Though Railway Administration reserves the right to modify the formula/adopt different formula based on technical considerations.