

# विषय-सूची

## ● पिछले वर्ष के प्रश्न-पत्र—हल सहित

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# General Information

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- **Minimum Educational Qualifications**

10th Class Pass as on closing date of application.

- **Age**

A candidate must have attained the age of 18 years and must not have attained the age of 33 years. (The upper age limit is relaxable in respect of some reserved categories).

- **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 a Computer Based Test (CBT), Physical Efficiency Test (PET) and Document Verification and Medical Examination.

The date, time and venue for all the activities viz CBT, PET and DV 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.

## **Computer Based Test (CBT)**

All the eligible candidates have to undergo a Computer Based Test on the specified date, 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.

Duration : 90 Min,

No. of Questions : 100

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 PWD candidates in case of shortage of PWD candidates against vacancies reserved for them.

## **Question Type and Syllabus**

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

**a. Mathematics (25 Qs.)**

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 (30 Qs.)**

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 (25 Qs.)**

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

**d. General Awareness and current affairs (20 Qs.)** in Science & Technology, Sports, Culture, Personalities, Economics, Politics and other subjects of importance.

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

● **Negative Marking**

There shall be negative marking for incorrect answers in CBT. 1/3rd of the marks allotted for each question shall be deducted for each wrong answer.

● **Physical Efficiency Test (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 run for a distance of 1000 metres in 4 minutes and 15 seconds in one chance.	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 5 minutes and 40 seconds in one chance.

**Note :** The persons with disabilities as specified in CEN are exempted from appearing for PET. However, after qualifying in the CBT, **such candidates will have to pass the medical examination prescribed for Persons with Disabilities.**

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.

● **Document Verification and Empanelling of Candidates**

Based on the performance of candidates in the 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.

### ● Medical Standards for The Posts

Candidates called for DV will have to pass requisite medical fitness test(s) conducted by the Railway Administration to ensure that the candidates are medically fit to carry out the duties connected with the post(s) opted by them. Visual Acuity Standard is one of the important criteria of medical fitness of railway staff. The medical requirements against different medical standards for different categories are outlined below :

Sr. No.	Medical Standard	General Fitness	Visual Acuity
1.	A-2	Physically fit in all respects	<b>Distance Vision :</b> 6/6, 6/9 without glasses (No fogging test). <b>Near Vision :</b> Sn : 0·6, 0·6 without glasses and Must pass tests for Colour Vision, Binocular Vision, Night Vision, Mesopic Vision etc.
2.	B-3	Physically fit in all respects	<b>Distant Vision :</b> 6/9, 6/9 with or without glasses (power of lenses not to exceed 2D). <b>Near Vision :</b> Sn : 0·6, 0·6 with or without glasses and Must pass test for Colour Vision, Binocular Vision, Night Vision, Myopic vision etc.
3.	B-1	Physically fit in all respects	<b>Distance Vision :</b> 6/9, 6/12 with or without glasses (power of lenses not to exceed 4D) <b>Near Vision :</b> Sn : 0·6, 0·6 with or without glasses when reading or close work is required and Must pass test for Colour Vision, Binocular Vision, Night Vision, Mesopic Vision etc.
4.	B-2	Physically fit in all respects	<b>Distance Vision :</b> 6/9, 6/12 with or without glasses (power of lenses not to exceed 4D). <b>Near Vision :</b> Sn : 0·6, 0·6 with or without glasses when reading or close work is required and Must pass test for Binocular Vision etc.
5.	C-1	Physically fit in all respects	<b>Distance Vision :</b> 6/12, 6/18 with or without glasses. <b>Near Vision :</b> Sn : 0·6, 0·6 with or without glasses when reading or close work is required.
6.	C-2	Physically fit in all respects	<b>Distant Vision :</b> 6/12, NIL with or without glasses. <b>Near Vision :</b> Sn. 0·6 combined with or without glasses where reading or close work is required.

**Note:** The above medical standards are indicative and not exhaustive and apply to candidates in general. **The candidates are advised to read Chapter 5 of Indian Railway Medical Manual Vol.1 which can be accessed at [www.indianrailways.gov.in](http://www.indianrailways.gov.in).** Candidates who have undergone Lasik surgery or any other surgery procedure to correct refractory error are not eligible for the post having Medical Standards A2, A3, B1 and B2.

Different Medical standards shall apply to Ex-Servicemen as detailed in Para 534 of Indian Railway Medical Manual (IRMM) Volume I, which may be accessed at [www.indianrailways.gov.in](http://www.indianrailways.gov.in).