

14.1 Computer Based Test (CBT)

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 registered email ID of 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 shortlisting in various communities: UR-40%, EWS-40%, OBC (Non creamy layer)-30%, SC-30%, ST-30%. These percentage 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.

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 of 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.