

Konkan Railway Technician Syllabus - Check Konkan Railway Technician III Exam Pattern

Konkan Railway Technician III Exam Pattern

Subject Name	No Of Questions/ Marks	Time Duration	Negative Marking
Common General Awareness	90 Questions/ 90 Marks	1Hr 30 Minutes (90 Minutes)	1/3rd of the Marks Allotted For Each Question
Technical Awareness	10 Questions/ 10 Marks		
Total Questions/ Marks			

Konkan Railway Technician III/Electrical Syllabus

- Network Analysis
- Control Systems
- Power System Protection
- Power Systems
- Electromagnetic Theory
- Electrical Machines
- Electronics Devices
- Power Electronics & Drives
- Electrical Instrumentation
- Switch Gear & Protection
- The Utilization Of Electrical Energy
- Power System Analysis & Control
- Analog & Digital Electronics

Candidates serving (including those undergoing induction training/probation) in any Central/State Government Department including Railways or PSU may apply directly to KRCL duly informing their Employer. Shortlisted candidates should produce **NOC from the employer on the date of his/her DV** failing which their candidature will be canceled.

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

9. RECRUITMENT PROCESS:

Candidate shall make online application only through the link provided on the official website of KRCL.

The recruitment process shall involve, CBT and DV followed by medical examination of the shortlisted candidates. The final panel of the candidates found suitable will be notified thereafter. The date, time and venue for CBT and DV or any other additional activity as applicable shall be fixed by KRCL and shall be intimated to the eligible candidates. Request for any modification in this regard shall not be entertained.

- A) CBT:** The CBT is tentatively scheduled in the month of **December-2020**.The CBT is of screening nature and the standard of questions for the CBT will be generally in conformity with the educational standards and minimum technical qualifications prescribed for the posts.

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.

Electronic gadgets like Mobile phones, Bluetooth devices, pen drive, laptops, calculators, wrist watches or any other communication devices are strictly NOT allowed inside the exam hall. Any infringement/violation of this instruction shall entail summary rejection besides legal action including debarment from future examinations.

Candidates are advised in their own interest not to bring any of the banned items including mobile phones etc. to the venue of the examination, as arrangements for safe keeping cannot be assured.

B) CBT- Qualifying Marks

The minimum percentage of marks required to qualify for further process shall be as follows for various categories:

UR/EWS- 50%, OBC-NCL/SC/ST- 40%

C) CBT- Pattern and Syllabus

Technician-III/Electrical-

Duration: 90 Minutes
Number of Questions: 100

CBT Pattern-The questions under CBT will be in 02 languages i.e. Hindi and English. The candidate will have to choose any one of these languages. In case of any discrepancy between various versions, the English version will prevail.

The questions will be of objective type with multiple choices and are likely to include questions pertaining to Common General Awareness which shall comprise 90% of the total questions and 10% on Technical Awareness of the relevant trade.

i. Common General Awareness:

i.i 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.

i.ii 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.

i.iii General Science

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

i.iv General awareness on current affairs in Science & Technology, Sports, Culture, Personalities, Economics, Politics and other subjects of importance.

ii. Technical:

The syllabus for the Technical Awareness shall comprise questions on the trade syllabus prescribed by Director General of Employment & Training (DGET). The trade syllabus can be obtained from the **DGET website**.

D) Date of examination will also be published on the website of KRCL. Thereafter, e-call letters for CBT can be downloaded from KRCL website. The exam centre, date indicated in the call letter shall be final.

10. MEDICAL STANDARDS FOR THE POSTS:

Candidates called for DV and found eligible will have to pass requisite medical fitness test(s) before their final empanelment to the post to the extent of the vacancies notified. The expenses towards the medical examination shall be