



भौतिक अनुसंधान प्रयोगशाला
(भारत सरकार, अंतरिक्ष विभाग की यूनिट)
नवरंगपुरा, अहमदाबाद

The Discipline wise indicative pattern for Skill Test to be held on 12.03.2026 & 13.03.2026
at Physical Research Laboratory, Ahmedabad

Post Code- 01 - Technical Assistant - Civil

The skill test shall be of 2 hours' duration and will comprise of practical test along with a descriptive written examination based on the Diploma Curriculum, which includes

- i) Building Materials
- ii) Concrete Technology
- iii) Environmental Engineering
- iv) Estimating and Costing
- v) Strength of Materials
- vi) Surveying
- vii) Transportation Engineering, etc.

Post Code – 02 - Technical Assistant - Mechanical

The skill test shall be of 3 hours' duration and will be primarily based on course curriculum and will test the practical skills of the applicant. It is broadly aimed to assess the design, drawing, metrology, fault diagnosis and operationalization skills of the candidate.

Post Code – 03 - Technical Assistant - Electrical

The skill test shall be of 2 hours' duration and will comprise of practical test along with a descriptive written examination based on the Diploma Curriculum, which includes

- i) Circuit Theory & Network Analysis
- ii) Electrical Machines
- iii) Electrical Installation, Maintenance & Testing
- iv) Electrical Measurements & Instrumentation
- v) Electrical Wiring, Practices & Estimation
- vi) Switch-gears & Protection
- vii) Power Systems

Post Code – 04 - Technical Assistant – Computer Science/IT

The skill test shall be of 2 hours' duration and will comprise of practical test based on Diploma Course Curriculum. The skill test will cover - Programming Language like C, C++, Java, Python, Web Programming Language like HTML, Java Script, CSS, and Office (Ms-Office, OpenOffice, etc.), Linux, Computer Hardware related & Computer Network.

Post Code – 05 - Technical Assistant - Electronics

The skill test shall be of 2 hours' duration and will comprise of practical test which will cover the core Diploma-level curriculum in Electronics Engineering, and will assess Candidates' practical competencies in analogue and digital electronics. The evaluation will broadly examine candidates' abilities in testing and measurement, circuit analysis, electronic component identification, troubleshooting (fault diagnosis), the design and implementation of small electronic circuits, and overall laboratory practices such as soldering/desoldering techniques, operation of common electronics test instruments.