

Indicative Syllabus for written test and selection criteria for recruitment to the post of Junior Engineer (Electrical) Pay level 6 (Advt. No. NITM.1/(2C-Estt)/MP/R-N/2022/903, dated 11 th March 2025)	
Paper I	Paper II
Basic Electrical Engineering and Electrical Measurements. Circuit Law. Electrical machines, I -phase and 3-phase Transformers, Generation, Transmission and Distribution. Utilization of Electrical Energy.	Skill test based on Paper I syllabus.

Post Name: Junior Engineer (Electrical) – Scheme of Examination, Selection criteria and Instructions		
Scheme of Examination	Selection Criteria	Instructions
Paper I: Duration: 2 hours Marks: 100 Paper II: Duration: 1 hour Marks: 50	a) Candidates fulfilling the minimum eligibility criteria will be considered provisionally eligible to appear for the Paper I. b) Minimum qualifying mark for paper-I is 50 marks and Paper II is 25 marks. c) Candidates who secure the minimum qualifying marks in Paper I shall only be called for Paper II. d) Paper II is of qualifying in nature. e) Candidates, who qualify in Paper-II will be recommended for appointment, in order or merit, only on the basis of marks secured in paper I. f) Success in the examination confers no right of appointment unless the Institute is satisfied after conducting enquiry that the candidate is suitable in all respects of appointment to the service/post.	<ul style="list-style-type: none"> Paper I consists of two parts Part-A and Part-B. 30 multiple choice questions in part-A and 70 multiple choice questions in part-B. One (1) mark will be awarded for each correct answer and minus one fourth (-1/4) mark awarded for the each incorrect answer. The unanswered questions will not attract negative marks Paper-II is Trade/Skill Test, which is of qualifying in nature. Compensatory time for persons with Benchmark Disabilities (Divyangjan) will be provided as per the extant orders of Government of India.