

**Syllabus for the post of
Electrician Trainee, Cat-I (Internal)
Circular No: CRP/PER/R/2026/401, DT.20.07.2026**

PART-I (Subject related to the post)	PART-II (General Studies)
1. Basic Electricity 2. Resistors 3. Conductors 4. Insulators and Insulating Materials 5. Electrical Accessories 6. Circuit Breakers 7. Earthing 8. Electrolysis 9. Cells and Batteries 10. Capacitors 11. Magnetism and Electro Magnetism 12. Alternating Current 13. Basic Electronics 14. Measuring Instruments 15. D.C. Generators 16. D.C. Motors 17. Alternators 18. Transformers 19. Poly-Phase Induction Motors 20. Synchronous Motors 21. Single Phase Motors 22. Winding 23. House Service Connections 24. House Wiring Layout 25. Illumination 26. Digital Electronics 27. Electrical Appliances 28. Relays and Voltage Regulators 29. Generation of Electrical Energy 30. Transmission and Distribution 31. Workshop Calculation and Science 32. Employability Skills etc.	1. GENERAL KNOWLEDGE 2. GENERAL ENGLISH 3. QUANTITATIVE APTITUDE & NUMERICAL ABILITY 4. TEST OF REASONING 5. COMPUTER BASICS