MAHATRANSCO Vidyut Sahayak Syllabus 2024

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The MAHATRANSCO Vidyut Sahayak Syllabus 2024 covers a wide range of subjects made just to assess the knowledge and skills required for the position from the candidates. The subjects will include questions from Electrical Engineering, Reasoning, Quantitative Aptitude, and Marathi Language. Each subject area focuses on specific topics essential for the role, ensuring candidates are well-prepared for the responsibilities they will undertake. Refer to the table below to know more details.

MAHATRANSCO Vidyut Sahayak Syllabus 2024	
Subject	**Syllabus**
Professional Knowledge (Electrical)	Network Analysis
	Electrical Machines
	Control Systems
	Power System Analysis & Control
	Analog and Digital Electronics
	Power Systems
	Distribution HT/LT Line parameters
	Electromagnetic Theory
	Power System Protection

	Electronics Devices	
	Electronic Measurements and Instrumentation	
	Power Electronics & Drives	
	Performance of line fault analysis	
	Electrical Instrumentation	
	Utilization of Electrical Energy	
	Switchgear and Protection, etc.	
Reasoning	Logical Reasoning	
	Alphanumeric Series	
	Ranking	
	Direction and Distance	
	Alphabet Test	
	Data Sufficiency	
	Coded Inequalities	
	Seating Arrangement	
	Puzzle	
	Critical Thinking	
	Coding/ Decoding	
	Syllogism	

	Classification
	Blood Relation
	Non-Verbal Reasoning
	Analogy, etc.
Quantitative Aptitude	Simple Equations
	Quadratic Equations
	Indices and Surds
	Mensuration
	Percentages
	Areas
	Speed, Time and Distance
	Time and Work Partnership
	Ratio and Proportion
	Simple Interest
	Probability
	Averages
	Simplification and Approximation
	Statistics
	Indefinite Integrals Binomial Theorem

	Definite Integrals, etc.
Marathi Language	Marathi grammar such as syntax, semantics, experiment, compound, synonyms, antonyms
	Use of words and phrases in sentences, vocabulary
	Famous books and authors