

MAHADISCOM Upkenra Sahayak Exam Pattern 2019

Test	Section	Subject	Questions	Marks	Duration
Written Test	Test of Professional Knowledge	Electrical	50	110	120 Minutes
		Test of Reasoning	40	20	
		Test of Quantitative Aptitude	20	10	
		Test of Marathi Language	20	10	
		Total		130	

MAHADISCOM Upkendra Sahayak Syllabus 2019 -Topic Wise

Electrical

- Electrical Measurements & Instrumentation.
- Power System Protection
- Power Electronics & Drives.
- Electrical Machines.
- Transformers
- Network Theory.
- Power System Analysis.
- The Electricity Act 2003
- Electrical Engineering Concepts.
- Induction Motors
- Power Generation
- Alternator and Synchronous Motors
- The Indian Electricity Rules 1956
- Transmission and Distribution
- Analog and Digital Electronics.
- Control Systems

Marathi Language

- Indirect and Direct Speech.
- Usage of Words.
- Cloze test.

- Fill in the blanks
- Precise Writing.
- Comprehension.
- Grammar.
- Idioms and Phrases.
- Vocabulary.
- Parts of Speech.
- Translation of Sentences.

Reasoning

- Statements.
- Symbols and Notations.
- Nonverbal Reasoning.
- Visual Ability
- Analytical Reasoning.
- Arrangements.
- Analogies.
- Symmetry.
- Syllogisms.
- Coding-Decoding.
- Number Series.
- Classification.
- Directions.
- Blood Relationships.
- Similarities and Differences.
- Alphabet Series.
- Data Sufficiency.

Numerical Ability

- Partnership.
- Discounts etc
- Data Interpretation.
- Simple & Compound Interest.
- Time and Work.
- Profit and Loss.
- Percentages.
- Pipes and Cisterns.
- Boats and Streams.
- Time and Distance.
- Problems on Ages.
- Mensuration.

- H.C.F. and L.C.M.
- Ratio and Proportion.
- Simplification.
- Average.
- Number Systems.
- Mixture and Alligation.

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