

MAHADISCOM DEE Exam Pattern 2020

Test	Section	Subject	Questions	Marks	Duration
Written Test	Test of Professional Knowledge	Engineering Relevant Stream (Electrical Engineering)	50	110	120 Minutes
	Test of General Aptitude	Test of Reasoning	40	20	
		Test of Quantitative Aptitude	20	10	
		Test of Marathi Language	20	10	
Total			130	150	

MAHADISCOM DEE Syllabus 2020

Electrical Engineering

- Electric Circuits
- Electromagnetic Fields
- Signals and Systems
- Electrical Machines like Transformers, DC machines, Three-phase induction motors, single-phase induction motors, Synchronous machines, others
- Power Systems
- Control Systems
- Electrical and Electronic Measurements
- Analog and Digital Electronics
- Power Electronics

Reasoning

- Number Series.
- Alphabet Series.
- Data Sufficiency.
- Analogies.
- Classification.
- Statements.
- Analytical Reasoning.
- Arrangements.

- Directions.
- Symbols and Notations.
- Nonverbal Reasoning.
- Symmetry.
- Blood Relationships.
- Similarities and Differences.
- Coding-Decoding.
- Syllogisms.

Quantitative Aptitude

- Average.
- Time and Distance.
- Problems on Ages.
- Mensuration.
- Number Systems.
- Percentages.
- Ratio and Proportion.
- Simplification.
- H.C.F. and L.C.M.
- Mixture and Alligation.
- Pipes and Cisterns.
- Data Interpretation.
- Simple & Compound Interest.
- Partnership.
- Discounts
- Boats and Streams.
- Time and Work.
- Profit and Loss.

Marathi Language

- Vocabulary
- Grammar
- Parts Of Speech
- Transaction Of Sentences
- Usage Of Word
- Idioms And Phrases
- Comprehension
- Fill In The Blanks.

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