

मिशन महापारिषण 



तंत्रज्ञ Technician

इलेक्ट्रीशियन मास्टर कोर्स

मराठी+English

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इलेक्ट्रीशियन मास्टर कोर्स

Syllabus अभ्यासक्रम

1: Safety practice

2: Electrician hand tools

3: Basic Electricity

4: Basic Electrical circuit DC

5: Magnetism (Inductors)

6: Capacitors

7: Cells and Batteries

8: AC Circuits

9: 3-Phase AC fundamentals

10: Transformer

11: DC Machine

12: DC Generator

13: DC Motor

14: AC Three Phase Motor

15: AC Single Phase Motor

16: Alternator

17: Synchronous Motor

18: Power Generation

19: Transmission & Distribution

20: Wires, Joints and Soldering

21: Underground Cables

22: Circuit Breakers and Relays

23: Illumination

24: Measuring Instruments

25: Basic wiring

26: Earthing

27: Domestic electrical appliances

28: Basic Electronic

29: Digital Electronics

30: Power Electronics

31: AC/DC Motor Drives



व्हिडीओ लेक्चर्स



थिअरी नोट



शॉर्ट नोट्स



5000+ PY MCQ बँक



माँक टेस्ट



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तंत्रज्ञ Technician परीक्षा पॅटर्न

Subjects	Maximum Question	Maximum Marks	Mark/Que	Duration
Test of Professional Knowledge (Electrician)	50	110	2.2	120 Minute
Test of Reasoning	40	20	0.5	
Test Quantitative Aptitude	20	10	0.5	
Test of Marathi Language	20	10	0.5	
Total	130	150		120 Minute

1/4th -Ve
Marking



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तंत्रज्ञ Technician Syllabus

B) Test of Reasoning 40 MCQ = 20 Mark

1	Puzzle
2	Syllogism
3	Direction & Distance
4	Blood Relation
5	Coding - Decoding
6	Inequality
7	Seating Arrangement
8	Arithmetical Reasoning
9	Series
10	Visual reasoning

11	Mathematical operation
12	Clock & Calendar
13	Alphanumeric Series
14	Time sequence
15	number and ranking test
16	Analogy
17	Statement and Reasoning
18	Coding and Decoding
19	Venn diagrams
20	Number puzzle

21	Blood relation
22	Syllogism
23	Coding-Decoding
24	Inequality
25	Verbal Reasoning
26	Direction Sense



तंत्रज्ञ Technician Syllabus

C) Test Quantitative Aptitude 20 MCQ = 10 Mark

1	Time & Work
2	Time & Distance
3	Ratio & Proportion
4	Simple & Compound Interest
5	Data Interpretation
6	Probability
7	Profit & Loss
8	Mixture & Alligation
9	Quadratic Equation

10	Percentage
11	Number Series
12	Pipe & Cistern
13	Boat & Stream
14	Use of Tables and Graphs Statics
15	Number Systems
16	Menstruation
17	Averages
18	Algebra





D) Test of Marathi Language 20 MCQ = 10 Mark

1	लिंग बदला	8	शब्दाच्या जाती
2	वचन बदला	9	वाक्यांचे प्रकार
3	अलंकार	10	काळाचे प्रकार
4	विरामचिन्हे	11	समास ओळखा
5	संधी ओळखा	12	वाक्यातील चूक शोधा
6	शब्दसमूह	13	प्रयोग (कर्तरी , कर्मनी , भावे)
7	म्हणी व त्यांचे अर्थ	14	समानार्थी / विरुद्धार्थी शब्द



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महापारिषद



तंत्रज्ञ Technician

तंत्रज्ञ Technician Old Paper Analysis

	2016 Que. No.							2017 Que. No.							
1: Safety practice								50							
2: Electrician hand tools								3	23	42					
3: Basic Electricity	1	5	6					8	40						
4: Basic Electrical circuit DC	2	3	7	26	50	49	4	9							
5: Magnetism (Inductors)	37							18							
6: Capacitors	47														
7: Cells and Batteries								19	44						
8: AC Circuits								11	15	21	33	39	49		
9: 3-Phase AC fundamentals															
10: Transformer	30	45	46					28	34						
11: DC Machine	19	21	32	34											
12: DC Generator	33	36						29							



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तंत्रज्ञ Technician old Paper Analysis

	2016 Que. No.						2017 Que. No.					
13: DC Motor	16	17	18	20	23							
14: AC Three Phase Motor	28	29					2	22				
15: AC Single Phase Motor	35	48										
16: Alternator							24					
17: Synchronous Motor	22											
18: Power Generation	31	38	39	40	41	42						
19: Transmission & Distribution	43	44										
20: Wires, Joints and Soldering							38					
21: Underground Cables							36					
22: Circuit Breakers and Relays												



तंत्रज्ञ Technician old Paper Analysis

	2016 Que. No.								2017 Que. No.							
23: Illumination																
24: Measuring Instruments	24	25	27						12	25	37					
25: Basic wiring									14	47						
26: Earthing									5	7	16	26	27	46		
27: Domestic electrical appliances																
28: Basic Electronic	8								1	3	6	13	17	20	30	45
29: Digital Electronics	10	11	12	15					35	43	48					
30: Power Electronics									10	31	32	41				
31: AC/DC Motor Drives																
Computer	13	14														
Other	9															

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विषयवार

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