

**VADODARA MUNICIPAL CORPORATION**  
**Syllabus of Written Examination for the recruitment of**  
**“ADDITIONAL ASSISTANT ENGINEER (ELECTRICAL)”**

<b>Sr No</b>	<b>Subject / Topic</b>	<b>Marks</b>
A	GENERAL KNOWLEDGE, CURRENT AFFAIRS, LOGICAL REASONING AND APTITUDE	15
B	KNOWLEDGE OF LANGUAGES: ENGLISH & GUJARATI	10
C	KNOWLEDGE OF COMPUTER	10
D	ASPECTS OF ELECTRICAL ENGINEERING (UP TO DIPLOMA LEVEL) 1. BASIC ELECTRICAL ENGINEERING 2. ELECTRICAL CIRCUIT ANALYSIS 3. ELECTRICAL MACHINES 4. ELECTROMAGNETIC FIELDS 5. DIGITAL ELECTRONIC 6. POWER ELECTRONICS 7. SIGNALS AND SYSTEMS 8. POWER SYSTEMS 9. CONTROL SYSTEMS 10. MICROPROCESSORS 11. HVDC TRANSMISSION SYSTEMS 12. ELECTRICAL ENERGY CONSERVATION AND AUDITING 13. ELECTICITY ACT, 2003, INDIAN ELECTRICITY RULES, 1956, GUJARAT ELECTRICITY INDUSTRY (REORGANIZATION & REGULATION) ACT, 2003, TARIFF AND FUNCATIONS OF ELECTRICITY REGULATORY COMMISSION 14. CURRENT TRENDS AND RECENT ADVANCEMENTS INTHE FIELD OF ELECTRICAL ENGINEERING	65
<b>TOTAL MARKS</b>		<b>100</b>

**Important Instructions:**

- Medium (language) of Exam = English/Gujarati
- Type of Questions = Multiple Choice Questions- MCQ
- No of Questions = 100
- Duration of Exam = 90 Minutes
- Marking System: One (1) Mark will be awarded for every RIGHT Answer No negative marking