

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

Sr No	Subject / Topic	Marks
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 GRADUATE LEVEL) 1. ENGINEERING MATHEMATICS 2. ELECTRICAL MATERIALS 3. ELECTRIC CIRCUITS AND FIELDSELECTRICAL AND ELECTRONIC MEASUREMENTS 4. ELECTRICAL AND ELECTRONICS MEASUREMENTS 5. COMPUTER FUNDAMENTALS 6. BASIC ELECTRONICS ENGINEERING 7. ANALOG AND DIGITAL ELECTRONICS 8. POWER ELECTRONICS 9. SYSTEMS AND SIGNAL PROCESSING 10. CONTROL SYSTEMS 11. ELECTRICAL MACHINES 12. POWER SYSTEMS 13. POWER ELECTRONICS AND DRIVES 14. VERIOUS ACTS AND POLICIES 15. CURRENT TRENDS AND RECENT ADVANCEMENTS IN THE FIELD OF ELECTRICAL ENGINEERING	65
<b>TOTAL MARKS</b>		<b>100</b>

**Important Instructions:**

- Medium (language) of Exam = English
- 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