

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

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 MECHANICAL ENGINEERING (UP TO GRADUATE LEVEL) 1. STATICS & DYNAMICS 2. THEORY OF MACHINES 3. MECHANICS OF SOLIDS 4. MANUFACTURING SCIENCE 5. ENGINEERING MATERIALS 6. PRODUCTION MANAGEMENT & INDUSTRIAL ENGINEERING 7. THERMODYNAMICS 8. ICENGINE 9. ENERGY CONVERSION 10. REFRIGERATION AND AIR CONDITIONING 11. FLUID MECHANICS 12. MACHINE DESIGN 13. WORKSHOP 14. EARTH MOVING MACHINERY 15. STATIONARY PUMPING PLANTS 16. DRILLING, BLASTING AND GROUTING EQUIPMENT 17. ASPHALT MIXING PLANT AND ASPHALT LYING EQUIPMENTS 18. EQUIPMENT MANAGEMENT IN CONSTRUCTION PROJECTS 19. GENERAL 20. ELECTRICAL 21. INTRODUCATION OF THE INDIAN GOVERMENT ACCOUNTS AND AUDIT 22. THE GUJARAT FINANCIAL RULES 1971(WHOLE) , THE GUJARAT CIVIL SERVICES RULSES, 2002 23. OTHER LATEST RULES AND REGULATIONS DECLARED TIME TO TIME REGARDING ACCOUNTING MATTERS 24. PROCEDURE & LATEST RULES OF STATE GOVERNMENT FOR PURCHASE OF MACHINERIES EQUIPMENTS & SPARE PARTS DETAILS OF TENDERING PROCESS & ITS RULES	65
TOTAL MARKS		100

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