

MAHADMA Engineer, Tax Assessment, Auditor Syllabus

MAHADMA Marathi Syllabus

- Vocabulary
- Current affairs related to India and world
- Comprehension passage
- Environment
- Indian Political System
- Sentence Structure
- Grammar
- General Studies
- Indian Geography with special reference to Maharashtra
- Institutions engaged in environmental conservations at state, national and international level
- Indian Economy

MAHADMA English Syllabus

- Sentence Completion
- Active and Passive Voice
- Sentence Improvement
- Para Completion
- Spelling Test
- Idioms and Phrases
- Synonyms
- Antonyms
- Prepositions
- Joining Sentences
- Error Correction (Underlined Part)
- Spotting Errors
- Passage Completion
- Substitution
- Sentence Arrangement
- Transformation
- Error Correction (Phrase in Bold)
- Fill in the blanks

MAHADMA Civil Syllabus

- Civil Engineering Materials and Construction.
- Concrete Technology.
- Reinforced Concrete Structures.

- Environmental Engineering.
- Surveying.
- Hydraulic Structures.
- Soil Mechanics and Foundation Engineering.
- Bridge Engineering.
- Estimation, Costing, and Specifications.
- Steel Structures.
- PSC Structures.
- Fluid Mechanics.
- Hydrology & Water Resources Engineering.
- Transportation Engineering.
- Solid Mechanics, Structural Analysis.
- Construction and Project Management.
- Environmental Studies

MAHADMA Electrical Engineering Syllabus

- Three phase circuits
- AC & DC circuits
- Laws and power transfer theorems
- RMS and an average value
- Single Phase Transformer
- The relationship between phase, line currents and voltages

MAHADMA Computer Engineering Syllabus

- Programming & Data Structures
- Hash functions
- Combinational and sequential circuits
- Operating System
- Computer Networks
- ER models
- Digital Logic
- Theory of Computation
- Interprocess communication
- Compiler Design
- Runtime Environments
- Network Security
- Object-oriented concepts
- Databases
- Main memory and secondary storage
- Turing machines and undecidability
- Programming in C
- Computer organization and architecture

- Algorithms

MAHADMA Mechanical/ Environment Engineering Syllabus

- Fluid Mechanics and Turbomachinery
- Environmental impact assessment and acts
- Internal Combustion Engine
- Power Plant Engineering
- Environmental Chemistry
- Renewable Energy Sources (solar, wind)
- Water Sources, quality
- Strength of Materials
- Heat Transfer
- Applied Thermodynamics
- Solid waste
- Refrigeration and Air Conditioning
- Wastewater
- Theory of Machines and Vibration
- Materials Technology

MAHADMA Mechanical Syllabus

- Calculus.
- Operations.
- Tool Engineering.
- Operations Research.
- Joining Processes.
- Fluid Mechanics.
- Vector Calculus.
- The Strength of Materials.
- Numerical Methods.
- Probability & Statistics.
- Differential Equations.
- Theory of Machines.
- Engineering Mechanics.
- The design of Machine Elements.
- Refrigeration and air-conditioning.
- Thermodynamics.
- Engineering Materials.
- Turbomachinery.
- Forming Processes.
- Metal Casting.

MAHADMA Engineering Aptitude Syllabus

- Operating systems like Windows, Unix, Linux, Ms-Office
- Internet and Email
- Websites and Web browsers
- The basic concept of Engineering Graphics
- Maths
- Basic laws of Electricity
- Basic Electronics
- Basics of computers and applications
- Trigonometry
- Basic of probability and statistics
- Science
- Units and measurement of basic electricity, etc