

# **CMWSSB AE (Civil / Mechanical / Electrical) Syllabus 2017**

## **Chennai Metro Water Assistant Engineer Exam Syllabus - Civil Engineering**

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

## **CMWSSB Assistant Engineer (AE) Syllabus - Mechanical Engineering**

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

- Turbomachinery.
- Forming Processes.
- Metal Casting.

### **Chennai Metro Water AE (Electrical) Exam Syllabus - Electrical Engineering**

- AC Fundamentals.
- Utilization of Electrical Energy.
- Power Systems.
- Power Electronics & Drives.
- Network Theory.
- Electrical Machines.
- Basic Electrical Engineering Concepts.
- Analog and Digital Electronics.
- Magnetic Circuit.
- Estimation and costing.
- Measurement and measuring instruments.
- Basic Electronics etc.
- Electric heating.
- Resistance heating.
- Induction heating.
- Dielectric heating.
- Electric traction.
- Lighting calculations

### **Chennai Metro Water Junior Assistant Syllabus - General Knowledge**

- History of India.
- Geography of India.
- Economic issues in India.
- National news (current).
- International issues.
- Scientific observations.
- Indian Culture.
- New inventions.
- Political Science.
- Important Dates.
- About India and it's neighboring countries.
- National and international current affairs.
- Countries and capitals.
- Science and innovations.

- World organizations.
- Famous Places in India.
- Books And Author.

### **CMWSSB Dy Controller of Finance Exam Syllabus - Finance**

- Financial Accounting.
- Indirect & Direct - Tax Management.
- Accounting Standards.
- Auditing.
- MIS
- Costing Techniques.
- Financial Management.
- Cost & Management Accounting.
- Managerial Economics.
- Management Science.
- Security Analysis and Investment Management.
- Operation & Project Management Control.
- Computer Applications in Business.
- Management Control System etc.

### **Chennai Metro Water Sr Accounts Officer Exam Syllabus - Accounts**

- Business Laws, Auditing
- Cost and Management Accountancy
- Indian Audit and Accounts Service
- Principles and Practice of Management
- Taxation (Direct and Indirect)
- General and Comptroller within the Indian Constitution
- Business Economics and Indian Economics etc

### **CMWSSB Junior Assistant Exam syllabus - Aptitude**

- Simplification.
- Pipes & Cisterns.
- Time and Work.
- Dimensions.
- Averages.
- Problems on Ages.
- Percentages.
- Profit & Loss.
- Ratios & Proportions.
- Simple Interest & Compound Interest.

- Time & Distance.
- Analogies.
- Arithmetic Reasoning.
- Visualization Space.
- Areas & Volumes.
- Data Interpretation.
- Decision Making.
- Problem Solving.