

## **Municipal Service Commission West Bengal**

### **MSWCB Sub Assistant Engineer General Awareness Syllabus**

- Current Affairs
- Authors
- International & National Organizations
- Abbreviations
- Environment
- General Knowledge
- Book
- History
- Geography
- General Science
- Budget
- Indian Economy
- Awards

### **msscwb.org Sub Assistant Engineer General English Syllabus**

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

### **MSWCB Reasoning Syllabus For Sub Assistant Engineer**

- Number Series
- Averages

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- Statement and Conclusion
- Verbal Classification
- Letter and Symbol Series
- Artificial Language
- Making Judgments
- Verbal Reasoning
- Logical Problems
- Matching Definitions
- Cause and Effect
- Logical Deduction
- Statement and Argument
- Essential Part
- Theme Detection

### **mscwb.org Sub Assistant Engineer Aptitude Syllabus**

- Time and Distance
- Problems on Trains
- Time and Work Partnership
- Ratio and Proportion
- Boats and Streams
- Simple Interest
- Areas
- Averages
- Problems on L.C.M and H.C.F
- Pipes and Cisterns
- Problems on Numbers
- Compound Interest
- Volumes
- Profit and Loss
- Odd Man Out
- Races and Games
- Numbers and Ages
- Mixtures and Allegations
- Percentages
- Simple Equations
- Quadratic Equations
- Indices and Surds
- Mensuration
- Permutations and Combinations
- Probability
- Simplification and Approximation

### **MSWCB Sub Assistant Engineer Syllabus (Electrical)**

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

### **MSWCB Sub Assistant Engineer Syllabus (Civil)**

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