

MSCWB Sub Assistant Engineer Exam Pattern

Sl. No	Type of the Examination	Name of the Subject	Number of Questions	Number of Marks	Exam Duration	Negative Marking
01	Written Test Objective Type	Diploma Level Concerned Discipline Subject	100	200	2 Hours	1 mark for each wrong answer
02	Personality Test			40		

MSCWB Sub Assistant Engineer Syllabus - Topic Wise

Civil Engineering

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

Electrical Engineering

- Electronic Devices
- Protective Devices.
- Battery.

- Electrical Machines.
- Digital Fundamentals.
- Electro-Magnetic Circuit.
- Electric Materials.
- Electrical Circuits (AC & DC Circuits).
- Electric Measurement & Measuring Instruments.
- Control System.
- Electronic Devices And Circuits.
- Microprocessor And Its Applications.
- Electrical Machines.
- Power System.
- Sub-Station.

Mechanical Engineering

- Thermal engineering
- Manufacturing technology
- Engineering mechanics and strength of materials
- Machine design
- Engineering materials
- Hydraulics
- Hydraulics machinery
- Industrial engineering, and management