

## **MSCWB Sub Assistant Engineer Exam Pattern**

<b>S. No</b>	<b>Type of the Examination</b>	<b>Name of the Subject</b>	<b>No. of Questions/Marks</b>	<b>Exam Duration</b>	<b>Negative Marking</b>
01	Objective Type	Diploma Level Concerned Discipline Subject	200 Q/ 200 M	2hrs	1 mark for each wrong answer

### **Syllabus For MSCWB Sub Assistant Engineer**

#### **Discipline-related questions ( Mechanical):-**

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

#### **Civil Engineering Related Questions:**

- Hydraulics And Hydraulic Machines
- Soil Mechanics
- Surveying
- Building Materials
- Construction Technology And Equipment
- Estimating
- Irrigation Engineering.
- Environmental Engineering.
- Transportation Engineering.
- Solid Mechanics.
- Design Of Steel Structures.
- Design Of Concrete And Masonry Structures.

#### **Electrical Engineering Topics:**

- 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.

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