

MSCWB Junior Engineer Exam Pattern

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

Syllabus For MSCWB Junior Engineer

MSCWB JE Mechanical Syllabus :-

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

MSCWB JE Civil Syllabus:

- 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.

MSCWB Electrical (EEE) Syllabus:

- 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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