

MSCWB Junior Engineer Syllabus || Check JE (Civil, Electrical, Mechanical) Exam Pattern @ www.mscwb.org

MSCWB Junior Engineer Exam Pattern

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

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Syllabus For JE Mechanical

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

Syllabus For JE Civil

- Hydraulics And Hydraulic Machines
- Estimating
- Transportation Engineering.
- Irrigation Engineering.
- Environmental Engineering.
- Solid Mechanics.

- Design Of Steel Structures.
- Soil Mechanics
- Surveying
- Building Materials
- Construction Technology And Equipment
- Design Of Concrete And Masonry Structures.

Syllabus For JE Electrical (EEE)

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