

# OSSC Electrician Syllabus|| Check OSSC Electrician Grade 2 Exam Pattern

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## OSSC Electrician Grade 2 Exam Pattern

Type of Exam	Subject Name	Number of Marks	Exam Duration
Objective Type	Electrician Trade	100 marks	90 mins

## Odisha Electrician Syllabus

- Fundamental of electricity also.
- Solders, flux, and soldering technique.
- Voltage grading of different types of insulators, Temp also.
- Wheatstone bridge principle and its applications also.
- Elementary First Aid.
- Various Safety Measures involved in the Industry.
- Identification of Trade-Hand Tools-Specifications.
- Electron Theory- Free electron.
- The concept of the standard also.
- Resistors-Law of resistance.
- Rise permissible types of Wires.
- Resistors types of resistors & properties of resistors also.
- The explanation, Definition, and Properties of Conductors, insulators, and semiconductors.
- Ohm's law-Simple electrician circuits and problems.
- Series and Parallel Circuits.Kirchoff's laws and applications.
- Cable standard wire gauge specifications of wire also.
- Cable insulation & voltage grades- Low, Medium, and High Voltage precautions in using various types of cables.
- Fundamental Terms, definition, units, and effects of electric current also.