

Detailed Syllabus –Overseer Electrical

- Fundamentals of Electrical & Electronics Engineering
- Elementary Concepts of Electrical Systems
- Analog & Digital Circuits
- DC Machines & Traction Motors
- Fundamentals of Electric Circuits
- Electrical & Electronics Measuring Instruments
- Mechanical Engineering
- Power Electronics Devices and Circuits
- Electrical Installation Design & Estimation
- Induction Machines
- Synchronous Machines & FHP Motors
- Electricity Generation, Transmission & Distribution
- Renewable Energy Power Plant
- Industrial Drives & Control
- Switchgear & Protection
- Energy Conservation & Audit (EE)
- Microcontroller & PLC
- Electric Vehicles
- Solar Power Technologies
- Energy Conservation & Management
- Electrification of Residential Buildings
- Electric Vehicles & Traction

NOTE: - It may be noted that apart from the topics detailed above, questions from other topics prescribed for the educational qualification of the post may also appear in the question paper. There is no undertaking that all the topics above may be covered in the question paper