

ECIL Technical Officer Syllabus|| Check Technical Officer Exam Pattern @ www.ecil.co.in

ECIL Technical Officer Exam Pattern

Examination Type	Topics
Objective Type	Technical Subjects

Syllabus

Information Technology

1. Computer Fundamentals and Programming
2. Operating System
3. Cyber Law in India
4. Linux System Administration
5. Data Communication and Networks
6. Relational Database Management System
7. Information and Network Security

Electrical

1. Basic Electrical Engineering Concepts.
2. Magnetic Circuit.
3. Network Theory.
4. Basic Electronics
5. Power Systems.
6. Utilization of Electrical Energy etc.
7. Electrical Machines.
8. AC Fundamentals.
9. Analog and Digital Electronics.
10. Measurement and measuring instruments.
11. Estimation and costing.
12. Power Electronics & Drives.

Computer Science

1. Computer Networks.
2. Algorithms.
3. Web Technologies.
4. Digital Logic.
5. Operating System.
6. Information Systems and Software Engineering etc.

7. Computer Networks.
8. Programming and Data Structures.
9. Databases.
10. Computer Organization and Architecture.

Mechanical

1. Strength Of Materials.
2. Engineering Mechanics.
3. Fluid Mechanics And Machines.
4. Heat Power.
5. Pattern Making.
6. Welding And Allied Processes.
7. Machine Tools etc.
8. Air Compressor.
9. Refrigerator and Air-Conditioning.
10. Manufacturing Process.

Electronics

1. Basics of Circuits and Measurement Systems.
2. Digital Electronics.
3. Analog Electronics
4. Electrical and Electronic Measurements.
5. Control Systems and Process Control.
6. Analytical, Optical Instrumentation.
7. Transducers, Mechanical Measurement and Industrial Instrumentation.
8. Signals, Systems, and Communications.