

KELTRON Operator Exam Pattern

S.No. Type of the Exam Topic Name

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|----|----------------|----------------------------------------------------------------------------|
| 1. | | Reasoning |
| 2. | Objective Type | General English |
| 3. | | General Knowledge |
| 4. | | Relevant Subject of Engineer Discipline and Technical Assistant Discipline |

KELTRON Operator Engineer Syllabus

Reasoning

- Puzzles Verbal Reasoning
- Logical Reasoning
- Data Sufficiency
- Non-Verbal Reasoning
- Data Interpretation
- Analytical Reasoning

General English

- Substitution
- Synonyms
- Antonyms
- Sentence Completion
- Prepositions
- Transformation
- Active and Passive Voice
- Spotting Errors
- Passage Completion
- Sentence Arrangement
- Idioms and Phrases
- Sentence Improvement
- Para Completion
- Spelling Test
- Joining Sentences
- Fill in the blanks
- Error Correction (Phrase in Bold)
- Error Correction (Underlined Part)

Electrical Syllabus

- AC Fundamentals.
- Network Theory
- Power Systems.

- Electrical Machines.
- Utilization of Electrical Energy.
- Analog and Digital Electronics.
- Estimation and costing.
- Magnetic Circuit.
- Basic Electrical Engineering Concepts.
- Measurement and measuring instruments.

General Knowledge

- Sports
- Basic GK
- Inventions in the World
- Indian Politics
- Indian Culture
- Basic Computer
- Physics
- Indian History
- Indian Economy
- Botany
- Famous Days & Dates
- Famous Books & Authors
- Indian Parliament
- Chemistry
- Geography
- Zoology
- Environment

Electronic Syllabus

- Communications.
- Control Systems and Process Control.
- Analytical, Optical Instrumentation.
- Signals and Systems.
- Basics of Circuits and Measurement Systems.
- Analog Electronics.
- Transducers.
- Electrical and Electronic Measurements.
- Digital Electronics.

Mechanical Syllabus

- Material Science and Metallurgy.
- Automotive Engines.
- Heat Transfer.
- Production Technology.
- Mechanics.
- Thermodynamics.
- The Strength of Materials and Design.