

**Syllabus for conduction of CBT to the post the post of
JUNIOR LINE MAN / ASSISTANT OPERATOR / TECHNICIAN GR.-IV
AND SWITCH BOARD OPERATOR**

General Knowledge (Xth Level):

- Current Affairs- National & International
- Indian History
- Indian Geography
- Indian Polity
- Science & Technology

Logical Reasoning (Xth Level):

- Analogies.
- Similarities.
- Problem – Solving.
- Relationship Concepts.
- Space Visualization.
- Arithmetical Number Series.
- Arithmetical Reasoning

General Hindi (Xth Level):

- Grammar.
- Vocabulary.
- Comprehension.
- Fill in the Blanks.
- Error Detection.
- Antonyms.
- Synonyms.
- Phrases/Muhavare.

General English & Comprehension

(Xth Level):-

- Synonyms
- Antonyms
- One word substitution
- Error detection
- Idioms & Phrases
- Passage Comprehension

Basic knowledge of Computer

- Fundamental of computers
 - CPU
 - Memory
 - Hard Disk
 - Input/ Output Devices
 - knowledge of Number System
- Basic concept of Computer (Hardware & Software)
 - Computer Software
 - Operating System
 - Computer language
- Basic knowledge of MS Office
 - MS word
 - MS excel
 - MS Power point
- Basic knowledge of Internet
 - Web browser
 - E-mail
 - Search Engines
 - Web servers
- Basic knowledge of computer network
 - LAN
 - WAN
 - MODEM
- Basic knowledge of cyber security
 - Virus , Malware etc.
 - Worm
 - Internet security
 - Network security
 - Firewall

Technical paper as per final year syllabus of ITI in Electrician Trade

1. AC machine Winding
2. Alternator
3. Circuit breakers
4. DC Drive
5. DC machine winding
6. Domestic Appliances
7. Illumination
8. Industrial wiring
9. Machine control cabinet / control panel layout, Assembly & wiring
10. Power Generation
11. Single phase induction motor
12. Synchronous Motor
13. Thermal, Hydroelectric, Nuclear, Nonconventional
14. Three phase induction motor
15. Transformer winding
16. Transmission of Electrical Power
17. VWF/ AC Drive
18. Underground Cabling