

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

<b><u>General Knowledge (Xth Level):</u></b>	<b><u>Basic knowledge of Computer</u></b>	<b><u>Technical paper as per final year syllabus of ITI in Electrician Trade</u></b>
<ul style="list-style-type: none"> <li>• Current Affairs- National &amp; International</li> <li>• Indian History</li> <li>• Indian Geography</li> <li>• Indian Polity</li> <li>• Science &amp; Technology</li> </ul> <p><b><u>Logical Reasoning (Xth Level):</u></b></p> <ul style="list-style-type: none"> <li>• Analogies.</li> <li>• Similarities.</li> <li>• Problem – Solving.</li> <li>• Relationship Concepts.</li> <li>• Space Visualization.</li> <li>• Arithmetical Number Series.</li> <li>• Arithmetical Reasoning</li> </ul> <p><b><u>General Hindi (Xth Level):</u></b></p> <ul style="list-style-type: none"> <li>• Grammar.</li> <li>• Vocabulary.</li> <li>• Comprehension.</li> <li>• Fill in the Blanks.</li> <li>• Error Detection.</li> <li>• Antonyms.</li> <li>• Synonyms.</li> <li>• Phrases/Muhavare.</li> </ul> <p><b><u>General English &amp; Comprehension (Xth Level):-</u></b></p> <ul style="list-style-type: none"> <li>• Synonyms</li> <li>• Antonyms</li> <li>• One word substitution</li> <li>• Error detection</li> <li>• Idioms &amp; Phrases</li> <li>• Passage Comprehension</li> </ul>	<ul style="list-style-type: none"> <li>• Fundamental of computers               <ul style="list-style-type: none"> <li>○ CPU</li> <li>○ Memory</li> <li>○ Hard Disk</li> <li>○ Input/ Output Devices</li> <li>○ knowledge of Number System</li> </ul> </li> <li>• Basic concept of Computer (Hardware &amp; Software)               <ul style="list-style-type: none"> <li>○ Computer Software</li> <li>○ Operating System</li> <li>○ Computer language</li> </ul> </li> <li>• Basic knowledge of MS Office               <ul style="list-style-type: none"> <li>○ MS word</li> <li>○ MS excel</li> <li>○ MS Power point</li> </ul> </li> <li>• Basic knowledge of Internet               <ul style="list-style-type: none"> <li>○ Web browser</li> <li>○ E-mail</li> <li>○ Search Engines</li> <li>○ Web servers</li> </ul> </li> <li>• Basic knowledge of computer network               <ul style="list-style-type: none"> <li>○ LAN</li> <li>○ WAN</li> <li>○ MODEM</li> </ul> </li> <li>• Basic knowledge of cyber security               <ul style="list-style-type: none"> <li>○ Virus , Malware etc.</li> <li>○ Warm</li> <li>○ Internet security</li> <li>○ Network security</li> <li>○ Firewall</li> </ul> </li> </ul>	<ol style="list-style-type: none"> <li>1. AC machine Winding</li> <li>2. Alternator</li> <li>3. Circuit breakers</li> <li>4. DC Drive</li> <li>5. DC machine winding</li> <li>6. Domestic Appliances</li> <li>7. Illumination</li> <li>8. Industrial wiring</li> <li>9. Machine control cabinet / control panel layout, Assembly &amp; wiring</li> <li>10. Power Generation</li> <li>11. Single phase induction motor</li> <li>12. Synchronous Motor</li> <li>13. Thermal, Hydroelectric, Nuclear, Nonconventional</li> <li>14. Three phase induction motor</li> <li>15. Transformer winding</li> <li>16. Transmission of Electrical Power</li> <li>17. VWF/ AC Drive</li> <li>18. Underground Cabling</li> </ol>