

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

<u>General Knowledge (Xth Level):</u>	<u>Basic knowledge of Computer</u>	<u>Technical paper as per final year syllabus of ITI in Electrician Trade</u>
<ul style="list-style-type: none"> ● Current Affairs- National & International ● Indian History ● Indian Geography ● Indian Polity ● Science & Technology <p><u>Logical Reasoning (Xth Level):</u></p> <ul style="list-style-type: none"> ● Analogies. ● Similarities. ● Problem – Solving. ● Relationship Concepts. ● Space Visualization. ● Arithmetical Number Series. ● Arithmetical Reasoning <p><u>General Hindi (Xth Level):</u></p> <ul style="list-style-type: none"> ● Grammar. ● Vocabulary. ● Comprehension. ● Fill in the Blanks. ● Error Detection. ● Antonyms. ● Synonyms. ● Phrases/Muhavare. <p><u>General English & Comprehension (Xth Level):-</u></p> <ul style="list-style-type: none"> ● Synonyms ● Antonyms ● One word substitution ● Error detection ● Idioms & Phrases ● Passage Comprehension 	<ul style="list-style-type: none"> ● Fundamental of computers <ul style="list-style-type: none"> ○ CPU ○ Memory ○ Hard Disk ○ Input/ Output Devices ○ knowledge of Number System ● Basic concept of Computer (Hardware & Software) <ul style="list-style-type: none"> ○ Computer Software ○ Operating System ○ Computer language ● Basic knowledge of MS Office <ul style="list-style-type: none"> ○ MS word ○ MS excel ○ MS Power point ● Basic knowledge of Internet <ul style="list-style-type: none"> ○ Web browser ○ E-mail ○ Search Engines ○ Web servers ● Basic knowledge of computer network <ul style="list-style-type: none"> ○ LAN ○ WAN ○ MODEM ● Basic knowledge of cyber security <ul style="list-style-type: none"> ○ Virus , Malware etc. ○ Warm ○ Internet security ○ Network security ○ Firewall 	<ol style="list-style-type: none"> 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