

Syllabus for the post of Junior Electrical Engineer

<p><u>General Knowledge (Xth Level):</u></p> <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 English & Comprehension (Xth Level)-</u></p> <ul style="list-style-type: none"> • Synonyms • Antonyms • One word substitution • Error detection • Idioms & Phrases • Passage Comprehension <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>Basic knowledge of Computer</u></p> <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. ○ Worm ○ Internet security ○ Network security ○ Firewall 	<p><u>Technical paper as per final year syllabus of Diploma in Electrical –</u></p> <ol style="list-style-type: none"> Electrical Circuits Electronics I Computer Aided Eng. Drawing Electrical Machines I Communication and Computer Networks Electrical & Electronics Measurements Electronics II Electrical Machine II Electrical Power Generation Transmission and Distribution Power Electronics Switchgear & Protection Embedded System (Elective) Industrial drives & Control Utilization drives & control Utilization of electrical energy & management Basic Management skills and Indian constitution
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