

SYLLABUS FOR THE EXAMINATION FOR VIDYUT SAHAYAK JUNIOR ENGINEER (ELECTRICAL)

Syllabus for the post of Vidyut Sahayak (Jr. Engineer)

Section – I	:	General Knowledge (10%)
Section – II	:	English Knowledge (10%)
Section – III *	:	Electrical Engineering (60%)
Section – IV	:	Computer Knowledge (10%)
Section – V	:	Gujarati Language & Grammar (10%)

(Total 100 Marks)

***Note: Section-III Includes topic like :**

- Switchgear & protection (MC/LV) & LT Switchgear design and testing etc.
- Distribution HT/LT Line parameters.
- Low Voltage constraint & resolving thereof.
- Non-conventional Energy sources like Wind, Solar, Biomass etc.
- Present Power Sector scenario in India and others Electrical Engineering topics etc.
- Performance of line fault analysis.
- Measurement of Electrical Power.
- Functions of capacitors & reactors.
- Power Engineering.
- Distribution Network Installation & load studies.
- Analysis of Dist. Transformers, Meters & Testing.