

SYLLABUS OF VIDYUT SAHAYAK (JUNIOR ENGINEER-ELECTRICAL)

SECTION - I	GENERAL KNOWLEDGE	10%
SECTION - II	ENGLISH LANGUAGE	10%
SECTION - III	ELECTRICAL ENGINEERING*	60%
SECTION - IV	COMPUTER KNOWLEDGE	10%
SECTION - V	GUJARATI LANGUAGE & GRAMMAR	10%

* **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.

“THE QUESTION PAPER WILL BE IN ENGLISH LANGUAGE ONLY”

Note: - Subtopics of Section-I, Section-II and Section-V are as under:

General Knowledge	English Language	ગુજરાતી ભાષા અને વ્યાકરણ
Current Affairs of National and International importance.	Usage and Vocabulary	રૂઢી પ્રયોગો / કહેવતો ના અર્થ અને વાક્ય પ્રયોગ.
Indian polity and Governance.	Synonyms and Antonyms	શબ્દ સમૂહ માટે એક શબ્દ.
Geography of India	Word Substitutes in a sentence.	જોડણી શુદ્ધિ.
Modern Indian history	Idiom (Fill in the blanks)	સમાનાર્થી / વિરુદ્ધાર્થી શબ્દ.
General Science and Technology	Error spotting / Right usage of words in a sentence.	લેખન શુદ્ધિ / ભાષા શુદ્ધિ.
Economics.		

Note: The Gujarati Language and Grammar shall be kept of the level of 12th Standard whereas the English Language and Grammar shall be kept of the level of 10th Standard.

SYLLABUS OF VIDYUT SAHAYAK (JUNIOR ENGINEER-CIVIL)

SECTION - I	GENERAL KNOWLEDGE	10%
SECTION - II	ENGLISH LANGUAGE	10%
SECTION - III	CIVIL ENGINEERING	60%
SECTION - IV	COMPUTER KNOWLEDGE	10%
SECTION - V	GUJARATI LANGUAGE & GRAMMAR	10%

"THE QUESTION PAPER WILL BE IN ENGLISH LANGUAGE ONLY"

Note: - Subtopics of Section-I, Section-II and Section-V are as under:

General Knowledge	English Language	ગુજરાતી ભાષા અને વ્યાકરણ
Current Affairs of National and International importance.	Usage and Vocabulary	રૂઠી પ્રયોગો / કહેવતો ના અર્થ અને વાક્ય પ્રયોગ.
Indian polity and Governance.	Synonyms and Antonyms	શબ્દ સમૂહ માટે એક શબ્દ.
Geography of India	Word Substitutes in a sentence.	જોડણી શુદ્ધિ.
Modern Indian history	Idiom (Fill in the blanks)	સમાનાર્થી / વિરુદ્ધાર્થી શબ્દ.
General Science and Technology	Error spotting / Right usage of words in a sentence.	લેખન શુદ્ધિ / ભાષા શુદ્ધિ.
Economics.		

Note: The Gujarati Language and Grammar shall be kept of the level of 12th Standard whereas the English Language and Grammar shall be kept of the level of 10th Standard.