

Uttar Gujarat Vij Company Limited

UGVCL Junior Engineer Syllabus - Technical Topics

Electrical Engineering

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

Civil Engineering

- Building Planning
- Valuation
- Hydraulic Structure
- Professional practice
- Quantity Estimation
- Transportation Engineer 1 & 2 (Road)
- Building Code
- Town Planning
- G.I.S.
- Structural Analysis
- Soil Mechanics

ugvcl.com Vidyut Sahayak Analytic & Logical Reasoning Syllabus

- Mirror Images
- Statements & Conclusions
- Clocks & Calendars
- Arithmetical Reasoning
- Number Series
- Cubes and Dice

Uttar Gujarat Vij Company Limited

- Data Interpretation
- Embedded Figures
- Coding-Decoding
- Decision Making
- Blood Relations
- Non-Verbal Series
- Alphabet Series
- Analogy
- Statements & Arguments
- Syllogism
- Directions

Uttar Gujarat Vij Company Limited Vidyut Sahayak (JE, Jr.Asst.) English Syllabus

- Passage Completion
- Active Voice and Passive Voice
- Idioms and Phrases
- Spotting Errors
- Synonyms
- Error Correction (Underlined Part, Phrase in bold)
- Para Completion
- Sentence Arrangement
- Sentence Completion
- Substitution
- Fill in the blanks
- Antonyms
- Prepositions
- Joining Sentences

ઉત્તર પ્રદેશ વિજ કંપની લિમિટેડ Vidyut Sahayak Syllabus - Gujarati language

- Tenses
- Fill in the Blanks
- Idioms & Phrases
- Vocabulary
- Usage of Words
- Comprehension
- Antonyms
- Synonyms
- Grammar

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UGVCL Vidyut Sahayak Syllabus - General Knowledge Topics

- Geography of India
- Economic issues in India
- National news (current)
- International issues
- Tribes
- Indian Culture
- New inventions
- Political Science
- Scientific observations
- About India and its neighboring countries
- National current affairs
- International current affairs
- Countries and capitals
- Science and innovations
- World organizations
- Famous Places in India
- Books And Author
- Handicrafts
- Important Dates
- Music & Literature
- National Dance
- Famous Places
- Artists
- Tourism spots of Historical Importance
- Sculptures
- Musical Instruments etc

UGVCL JE, Jr. Assistant Mathematics Syllabus

- Complex Numbers
- Probability Function
- Straight Lines Family of Straight Lines
- Exponential and Logarithmic Series
- Indefinite Integrals Binomial Theorem
- Permutations and Combinations
- Conic Sections

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- Vectors
- Introduction to Three Dimensional Geometry
- Differentiation
- Matrices
- Sequences and Series
- Trigonometry
- Determinant
- Definite Integrals etc

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- MS Word, Microsoft OneNote
- Microsoft Access
- Introduction to Computer Science
- Boolean Algebra
- Computer Networks
- Emerging Technologies and Web Publishing
- PC Software and Office Automation
- Database Management System
- Data Structures
- MS PowerPoint
- MS Visio and MS Excel
- Microsoft Outlook
- The Internet
- Workplace Productivity Tools
- MS Project
- Microsoft Publisher