

# **Karnataka Power Transmission Corporation Limited**

## **kptcl.com Syllabus - General Awareness**

- Countries and Capitals
- Famous Places in India
- Books and Authors
- National Dance
- Music & Literature
- Indian Culture
- Important Dates
- About India and it's neighboring countries
- Science and innovations
- New inventions
- Economic problems in India
- Geography of India
- National and International current affairs
- Scientific observations
- Political Science
- World organizations

## **Karnataka Power Transmission Corporation Limited Aptitude Syllabus**

- Probability
- Time and Distance
- Quadratic Equations
- Odd Man Out
- Races and Games

# **Karnataka Power Transmission Corporation Limited**

- Numbers and Ages
- Averages
- Mensuration
- Profit and Loss
- Problems on Numbers
- Pipes and Cisterns
- Indices and Surds
- Simple Equations
- Permutations and Combinations
- Compound Interest
- Boats and Streams
- Simplification and Approximation
- Mixtures and Allegations
- Simple Interest
- Problems on LCM and HCF
- Time and Work Partnership
- Problems on Trains
- Ratio and Proportion
- Areas
- Volumes
- Percentages

## **KPTCL Junior Assistant Syllabus - General English**

- Antonyms
- Synonyms

# **Karnataka Power Transmission Corporation Limited**

- Idioms & Phrases
- Comprehension
- Tenses
- Transformation of Sentences
- Active & Passive Voice
- Direct & Indirect Speech
- Vocabulary
- Fill in the Blanks
- One Word Substitution

## **General Kannada - Junior Assistant Syllabus**

- Vocabulary
- Antonyms
- History Of Kannada Language
- Articles
- Pronouns
- Adjectives
- Prepositions
- Model auxiliaries
- Active and passive voice
- A degree of adjectives
- Common errors of usage
- Kannada Literature
- Conjunctions and Question tag

# **Karnataka Power Transmission Corporation Limited**

- Verb and Tense Agreement

## **KPTCL Assistant Engineer Civil Engineering Syllabus**

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

## **Electrical Engineering - KPTCL Junior Engineer Syllabus**

- 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
- Non-conventional Energy sources like Wind, Solar, Biomass
- Measurement of Electrical Power
- Present Power Sector scenario in India and others Electrical
- Power Engineering

# **Karnataka Power Transmission Corporation Limited**

- Distribution Network Installation & load studies
- Functions of capacitors & reactors
- Low Voltage constraint & resolving

## **KPTCL Junior Engineer Syllabus - Electronics Engineering**

- Basics of Circuits and Measurement Systems
- Control Systems
- Optical Instrumentation
- Process Control
- Signals & Systems, and Communications
- Electrical and Electronic Measurements
- Analytical

## **Junior Assistant Computer Literacy - Syllabus**

- Introduction
- 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

# **Karnataka Power Transmission Corporation Limited**

- MS Visio and MS Excel
- Microsoft Outlook
- The Internet
- Workplace Productivity Tools
- MS Project, Microsoft Publisher