

## **KPTCL Asst Engineer Syllabus 2016**

### **KPTCL JE Syllabus For General Knowledge**

- Scientific developments.
- Nonrenewable energy sources.
- Health.
- Agriculture.
- Environment problems.
- Scientific facts.
- Sports - current affairs.
- Communication.
- Transportation.
- Industries.
- Mineral sources.
- Rivers and river projects.
- Geography of India.
- Sree Narayana Guru.
- Chattambiswamikal.
- Kerala renaissance and leaders like Ayyankali.
- Economic and industrial achievements.
- Social.
- Historical and Geographical importance.

### **Karnataka Electricity Board Junior Engineer Syllabus for English**

- Vocabulary.
- Fill in the blanks.
- Grammar.
- Spot the error.
- Antonyms.
- Synonyms/ Homonyms.
- Sentence structure.
- Spellings.
- Detecting Mis-spelt words.
- One word substitutions.
- Idioms and phrases.
- Improvement.
- passage.
- Verbal Comprehension passage.
- Verbs.
- Adjectives.

- Clauses.

### **KPTCL Assistant Engineer Syllabus for Computer Knowledge**

- Computer hardware parts and controls.
- Basic Computer Terminology.
- Basic internet knowledge and protocols.
- Database Management Systems.
- Number system.
- Operating system.
- History of Computer.
- Network Basics.
- Computer Abbreviation.
- Computer tools.
- Software names and usages.

### **KPTCL Electrical Engineer Syllabus**

- Electromagnetic Theory.
- Electrical Instrumentation.
- Electronics Devices.
- Analog and Digital Electronics.
- Control Systems.
- Electrical Machines.
- Network Analysis.
- Power System Analysis & Control.
- Power System Protection.
- Power Electronics & Drives.
- Power Systems.
- Utilisation of Electrical Energy.
- Switch Gear and Protection etc.

### **KPTCL AAO Numerical Ability Syllabus**

- Operations Research & Linear Programming.
- Algebra.
- Differential Geometry.
- Differential Equations.
- Dynamics.
- Statistics.
- Basic Mathematics.
- Analytical Geometry.
- Calculus.

- Statics.
- Percentages.Menstruation.
- Fractions.
- The relationship between Numbers.
- Fundamental arithmetical operations.
- Number Systems.
- Computation of Whole Numbers.