

# Public Works Department Karnataka

## nemaka.kar.nic.in AE JE Kannada Language Syllabus

- Dasa literature
- Vachana
- Influence and Trends
- Regional and Social Aspects
- Dravidian Family of Languages
- Post-colonial criticism
- Sculpture
- Architecture
- Painting
- Music
- Dance-in the literary context
- Medieval Kannada Literature
- Modern Kannada Literature
- Folk Literature
- The contribution of Dynasties to the culture of Karnataka
- Arts of Karnataka
- History of Kannada Language & Literature
- Poetics and literary criticism

## Karnataka PWD AE JE General Knowledge Syllabus

- Important Days
- Indian History
- Books and Authors
- Awards and Honors
- Capitals of India

# Public Works Department Karnataka

- Ports
- Inland Harbours
- Number of Players
- Culture
- Religion
- Dance
- Heritage and Arts
- Indian Economy
- Budget and Five Year Plans
- Countries and Capitals
- History
- Anthem
- Important National Facts
- Heritage and Arts
- Dance
- Currencies
- Bird
- Animal
- International and National Organizations
- Indian National Movement
- Sports
- Current Affairs – National and International
- Abbreviations
- General Policy
- Science and Technology
- Science – Inventions & Discoveries
- Awards

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- Authors
- Flower
- Defense
- Culture
- Religion
- Languages
- Capitals
- Terms
- Common Names
- Full forms
- Soil
- Rivers
- Mountains
- Wars and
- Neighbors
- Current Affairs
- Abbreviations
- Discoveries
- Diseases and Nutrition
- Song
- Flag
- Monuments
- Personalities
- Freedom Movement
- Championships
- Winners

# Public Works Department Karnataka

## English

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

## **Civil**

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

## **Mechanical**

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- Engineering Mechanics
- Energy conservation
- Engineering Materials
- The Strength of Materials
- Management Information System
- Machining and Machine Tool Operations
- Thermodynamics
- Operations Research
- Machine Design
- Industry Safety
- Inventory Control
- Machining and Machine Tool Operations
- Metal Casting
- Production Planning and Control
- Computer Integrated Manufacturing Design
- Inventory Control
- Meteorology and Inspection
- Product design and Development
- Fluid Machines
- Heat Transfer
- Fluid Mechanics
- Theory of Machines

## Electrical

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

# **Public Works Department Karnataka**

- 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

## **Electronics**

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