

KPTCL Syllabus 2022

(Assistant Engineer, Junior Engineer and Junior Assistant)

KPTCL Exam Pattern 2022

General Knowledge and Current Affairs

- Industries
- Rural and Urban Administrative Structure
- Administrative Structure
- Geography Games and Sports
- Energy Resources
- Natural Resources

Assistant Accounts Officer

- Business Ethics and Corporate Governance
- International Business
- Strategic Cost Management
- Micro Finance
- Accounting Standard
- Direct Taxes
- General Insurance
- Indirect Taxes
- Financial Management
- Marketing of Bank Products
- Management of Insurance Companies
- E-Commerce
- Operations Research and Quantitative Techniques

General English

- Depth knowledge of English knowledge. You should be capable of making a difference between correct and incorrect attempts.
- English grammar
- Paragraph construction
- Antonyms

Electronics and Telecommunications

- Basic Electronics
- Electrical and Electronic Measurements and Instrumentation
- Electronic Circuits
- Network Analysis

- Power Electronics
- Logic Design
- Engineering Mathematics, Physics, and Chemistry
- Information and Network Security
- Electrical Power Utilization
- Field Theory
- Transformers and Induction Machines
- Introduction to Computer Programming
- Signals and Systems
- Microcontrollers
- Artificial Neural Networks
- Control Systems
- VLSI Circuits and Design
- Computer Control of Electrical Drives
- Electromagnetic Compatibility
- Power System Operation and Control
- Electrical Design, Estimation and Costing
- Control Theory
- Electrical Machine Design
- Power System Analysis and Stability

Assistant Engineer

- Hydraulic Structures and Irrigation Design – Drawing
- Design and Drawing of RC structures
- Alternative Building Materials and Technologies
- Design of RCC Structural Elements
- Building Planning and Drawing
- Air Pollution and Control
- Computer-Aided Design
- Structural Dynamics
- Engineering Physics
- Hydrology and Irrigation Engineering
- Geotechnical Engineering
- Environmental Engineering
- Design of Pre-Stressed Concrete Structures
- Design and Drawing of Steel Structures
- Water Resources Engineering
- Construction Management & Engineering Economics
- Pavement Materials and Construction
- Geographic Information System
- Urban Transport Planning
- Earthquake Resistant Design of Structures