

UPPCL JE Syllabus 2021

UPPCL JE exam asks questions from subjects such as General Awareness, Logical Reasoning, General Hindi and Technical Knowledge. The syllabus for each of these subjects is vast and needs to be covered thoroughly in order to clear the exam. The detailed subject-wise syllabus for UPPCL JE exam is as follows:

UPPCL JE Syllabus: General Awareness

- History
- Geography
- Socio Economic development of India
- Current Affairs
- Modern History (From 1857 onwards) of India
- Indian culture
- Indian Polity
- Indian Economy
- Science and Technology etc.

UPPCL JE Syllabus for Logical Reasoning

- Analogies
- Similarities and differences
- Spatial visualization
- Spatial orientation
- Problem solving
- Decision making
- Relationship concepts
- Arithmetic reasoning
- Verbal and figure classification
- Arithmetical number series
- Non-verbal series
- Coding and decoding
- Statement conclusion
- Syllogistic reasoning

UPPCL JE Syllabus: General Hindi

- Vocabulary
- Phrases
- Synonyms and antonyms
- Error detection
- Comprehension
- Grammar
- Fill in the blanks

UPPCL JE Syllabus for Technical Knowledge

Electrical Engineering

- Control systems.
- Analytical instrumentation.
- Power Systems.
- Digital Signal Processing.
- Computer Control of Processes, Networks.
- Measurements, Instrumentation, and Transducers.
- Power Electronics and Drives.
- Electrical machines.
- Electrical Circuits and Fields.
- Industrial Instrumentation.
- Digital Electronics.
- Communication Engineering.

Civil Engineering

- Hydraulics.
- Irrigation Engineering.
- Estimating, Costing, and Valuation.
- Environmental Engineering.
- Structural Engineering
- Theory of Structures.
- RCC Design
- Steel Design.
- Concrete Technology.
- Building Materials.
- Surveying.
- Transportation Engineering.
- Soil Mechanics

Electronics

- Basics of Circuits and Measurement Systems.
- Digital Electronics.
- Analog Electronics
- Electrical and Electronic Measurements.
- Control Systems and Process Control.
- Analytical, Optical Instrumentation.
- Transducers, Mechanical Measurement, and Industrial Instrumentation.
- Signals, Systems, and Communications