

## UPPCL Assistant Engineer Exam Pattern

Name Of The Subject	Number of Questions	Maximum Marks	Exam Duration	Negative Mark
Technical Subject Concerned	150	150 Marks	2 Hours	0.25 Mark
General Knowledge/Awareness	20	20 Marks		
Reasoning	20	20 Marks		
General Hindi	10	10 Marks		
<b>Total</b>	<b>200</b>	<b>200 Marks</b>		

## UPPCL Assistant Engineer Syllabus - Topic Wise

### Electrical Engineering Syllabus

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

### Syllabus For Computer Science

- Algorithm.
- Compiler Design.
- Computer Science & Information Technology.
- Theory of Computation.
- Computer Networks.
- Programming and Data Structures.
- Database.
- Computer Organization and Architecture

### **Electronics & Telecommunication Engineering Syllabus**

- Communication System.
- Electronic Measurement and Instrumentation.
- Physical Electronics.
- Materials and Components.
- Electromagnetic Theory.
- Network theory.
- Digital Electronic Circuits.
- Signal and systems.
- Analog Electronic Circuits.
- Microwave Engineering

### **Civil Engineering Syllabus**

- Environmental Engineering
- Engineering Mechanics
- Construction Technology, Equipment, Planning and Management
- Design of Structure
- Geotechnical Engineering
- Fluid Mechanics, Open Channel Flow, and Hydraulic Machines
- Surveying and Transportation Engineering

### **General Awareness/ Knowledge Syllabus**

- Indian Geography.
- Uttar Pradesh – History & Culture & Heritage.
- General Science.
- Indian Culture & Heritage.
- Current Affairs – National & Uttar Pradesh.
- History – India & Uttar Pradesh.
- UP Economy.
- Indian Constitution.
- UP Geography.
- Indian Economy.
- Indian Polity.
- Environmental Issues.

- Science & Technology

### **General Hindi Syllabus**

- Grammar.
- Idioms & Phrases.
- Comprehension.
- Antonyms
- Error Detection.
- Fill in the Blanks.
- Synonyms.
- Sentence Rearrangement.
- Vocabulary.
- Unseen Passages.

### **Reasoning Syllabus**

- Number Series.
- Coding-Decoding.
- Analytical Reasoning.
- Blood Relationships.
- Non-Verbal Reasoning.
- Syllogisms.
- Arrangements.
- Similarities and Differences.
- Classification.
- Directions.
- Analogies.
- Statements.
- Data Sufficiency.
- Symmetry