

UPPCL Junior Engineer Trainee Exam Pattern

Subjects	No of Questions	Marks	Duration
Technical Syllabus	150	150	
General Awareness/ Knowledge	20	20	
Reasoning	20	20	3 Hours
General Hindi	10	10	
Total	200 Questions	200 Marks	

UPPCL Junior Engineer Civil Syllabus

Civil Engineering Syllabus

- Canal Head Works
- Cross Drainage Works
- Dams
- Water Logging and Drainage
- Flood Protection
- Irrigation Management
- Fluid Mechanics
- The strength of Materials & Theory of Structures
- Design of Reinforced concrete structures
- Steel & Machinery structures
- Soil Mechanics and Foundation Engineering
- Surveying
- Building Materials and construction
- Water supply and sanitation for public building
- Water Resources Engineering
- Rain Fall & Run-off
- Water Requirement of Crops
- Lift Irrigation
- Flow Irrigation

Reasoning Syllabus

- Situation Reaction Test.
- Statement – Arguments.
- Logical Sequence of Words.
- Deriving Conclusions from Passages.
- Logic.
- Alphabet Test.
- Eligibility Test.
- Data Sufficiency.
- Theme Detection.
- Logical Venn Diagrams.

- Analogy.
- Puzzle Test.
- Classification.
- Coding-Decoding.
- Series Completion.
- Alpha Numeric Sequence Puzzle.
- Inserting The Missing Character.
- Number, Ranking & Time Sequence.
- Clocks & Calendars.
- Statement – Conclusions.
- Arithmetical Reasoning.
- Mathematical Operations.
- Direction Sense Test.

General Knowledge/ Awareness Syllabus

- Indian History.
- Indian Economy.
- General Polity.
- Indian & World Geography.
- Indian Constitution.
- Science & Technology
- Current Affairs – International & National.
- Indian Culture & Heritage.
- Events related to India and its neighboring countries.

General Hindi Syllabus

- Comprehension.
- Phrases/Muhavare.
- Grammar.
- Plural Forms
- Antonyms.
- Vocabulary.
- Synonyms.
- Fill in the Blanks.
- Error Detection.
- Translation of Sentences.