

## UPRVUNL Technician Grade 2 Exam Pattern

Name of the Subject	Number of Questions	Number of Marks
<b>Part I:</b> ITI Syllabus	150	150
<b>Part II:</b> <ul style="list-style-type: none"> <li>• General Hindi</li> <li>• General Knowledge</li> <li>• Reasoning</li> </ul>	50	50
<b>Total</b>	<b>200 Questions</b>	<b>200 Marks</b>
<b>Objective Type Questions</b>		

**NOTE:** There will be a deduction of 1/4th of the assigned marks for every wrong answer.

## UPRVUNL Technician Grade 2 Syllabus Topics

### PART I: ITI Syllabus

#### Fitter

- Safety accident prevention linear measurements of its unit's dividers, calipers, hermaphrodite, calipers, etc.
- Mechanical properties like ductility, malleability, hardness, brittleness, toughness, tenacity, elasticity
- Workshop surface plates their use accuracy, care, and maintenance
- Physical properties of engineering metal like color, weight, structure, conductivity, magnetic, fusibility specific gravity, etc.
- Surface plate and auxiliary marking equipment, 'V block, angle plates, parallel block, description types, and uses

#### Instrument

- Hand tools, types, classification use & metal cutting fundamentals
- Element & types of screw threads used in instruments, Calculation of drill size for tapping
- Measurement & measuring instruments, Marking Tools, Fasteners & Fastening devices Basic
- Precision Measuring Instruments, gauge blocks, sine bar, dial indicators
- Tube cutter, Flaring tools, swedging tools, equipment
- Types of tubes used for instrumentation
- Standard wire gauge (SWG)
- Fixture required for pipe bending, straightening, thread cutting, method of installation
- Electrical components conductor, semiconductor & insulators
- The introduction of electricity-static electricity
- Electrical circuit-D.C & A.C circuit differences
- Importance of grounding
- Current, voltage, P.D, E.M.F, resistance

#### General Hindi

- Vocabulary

- Comprehension
- Fill in the blanks
- Translation of Sentences
- Usage of Words

## Grammar

- Ling, Vachan, Kaarak
- Tatsam & Tadbhav
- Sandhi, Samas
- Ras
- Paryayvachi
- Kaal, Beloom
- Lokokti and Muhavre
- Anekarthi Shabd, Alankar

## General Knowledge

- Political issues, awards
- Current national, international issues
- Popular dates, state
- Literature
- Central government policies etc.
- Indian Parliament
- Famous Places in India
- Tourism
- Indian Economy
- General Science
- Artists
- Geography
- Indian History
- Sports
- Inventions and Discoveries
- Countries and Capitals
- Famous Days & Dates
- Famous Books & Authors
- Heritage
- Biology
- Rivers, Lakes, and Seas
- Current Affairs
- Civics
- Environmental Issues
- Indian Politics

Reasoning

- Visual Memory
- Blood Relations, Relationship Concepts
- Discrimination
- Observation
- Arithmetical Reasoning
- Similarities And Differences
- Spatial Orientation
- Logical Problems
- Verbal Reasoning And Nonverbal Reasoning
- <https://www.freshersnow.com/syllabus/>
- Statement And Argument
- Number Series
- Alphabet Series
- Coding And Decoding
- The Odd Man Out
- Figures Classification
- Spatial Visualization
- Analogies