

UPRVUNL Technician Syllabus 2022

General Knowledge

- Current Affairs
- International and National Issues
- Political Issues, awards
- Popular Dates
- Central Government Policies etc.

Reasoning

- Verbal Reasoning and nonverbal Reasoning
- Number Series Statement and Argument
- Logical Problems
- Alphabet Series
- Blood Relations
- Coding and Decoding

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

Electrician Syllabus

- Various safety measures involved in the industry
- Elementary First Aid
- Identification of Trade Hand tools specifications
- Fundamental terms, definitions, units, and effects of electric current
- Ohms Law- Simple electrical circuits and problems

- Resistors- Law of Resistance, Series, and Parallel circuits
- Kirchoff's Law and Applications
- Wheatstone Bridge principle and its application

Fitter Syllabus

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

Instrument Syllabus

- Hand tools, types, classification use, and 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