

UPRVUNL Technician Grade 2 Exam Pattern

Part I

Name of the Post	Subject Names	No of Questions
Assistant Engineer (Trainee) E&M	Electrical/ Mechanical/Electronics & Instruments / Computer Science	150
Assistant Engineer (Trainee) Civil	Civil Engineering	150
Accounts Officer (Trainee)	Accounts (MBA, Finance, Cost Accountant & Chartered Accountant)	150
Assistant Review Officer	Human Resource (HR Knowledge)	100
Staff Nurse	Diploma in Nursing & Midwifery	150
Pharmacist	Diploma in Pharmacy	150
Technician Grade-II	ITI	150

Part II (Common for all Posts)

Objective Type Questions	Name of the Subject	No of Questions	No of Marks
(For every correct answer 01 marks will be awarded & 0.25 marks will be deducted from the wrong answer)	General Knowledge	20	20
	Reasoning Ability	20	20
	General Hindi	10	10
	Total	50 Marks	

Part II (Assistant Review Officer)

Objective Type Questions	Name of the Subject	No of Questions	No of Marks
(For every correct answer 02 marks will be awarded & 0.50 marks will be deducted from the wrong answer)	General Knowledge	25	50
	General English	25	50

Part III

- 03 Topics essay in both English & Hindi
- 50 Marks for Hindi Essay
- 50 Marks for English Essay

UPRVUNL Technician Grade-II Syllabus – Part I

Assistant Engineer

Civil

- Water Resources Engineering.
- Structural Engineering.
- Environmental Engineering.
- Transportation Engineering.
- Surveying.
- Soil Mechanics and Foundation Engineering.

Mechanical

- Production Technology.
- Automotive Engines.
- Heat Transfer.
- Thermodynamics.
- Strength of Materials and Design.
- Material Science and Metallurgy.
- Mechanics.

Electrical

- Electrical Circuits and Fields.
- Electrical machines.
- Control systems.
- Digital Electronics.
- Digital Signal Processing.
- Computer Control of Processes, Networks.
- Power Systems.
- Power Electronics and Drives.
- Communication Engineering.

Electronics

- Analytical, Optical Instrumentation.
- Digital Electronics.
- Analog Electronics.

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

Instrumentation

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

Computer Science

- Operating System
- Cyber Law in India
- Information and Network Security
- Data Communication and Networks
- Computer Fundamentals and Programming
- Linux System Administration

Accounts Officer

- General Accounting Principles.
- Industrial Relations.
- Business Laws.
- Taxation (Direct and Indirect).
- Cost and Management Accountancy.
- Auditing.
- Labour Laws.
- Indian Audit and Accounts Service.
- Knowledge of Computer Applications.
- General and Comptroller within the Indian Constitution.
- Principles and Practice of Management.
- Business Economics and Indian Economics

Assistant Review Officer

- Collective Bargaining and Negotiations process.
- Business ethics, corporate governance, and CSR.
- Cross-Cultural and Global Management.
- Human Resource Development.
- Business Policy and Strategic Analysis.
- Human Resource Planning.
- Conflict Management.
- Training and Development.
- Transactional Analysis
- Emotional Intelligence and Managerial Effectiveness.
- Grievance Management.
- Industrial Relations & Trade Unions.
- Human Resource Management.
- Labour Laws.
- Performance Management & Appraisal.
- Recruitment & Selection.
- Rewards & Recognition.
- Management of Compensations and Benefits.
- Managing change and organizational effectiveness.
- Human Resource Information System.
- Management Process and Organizational Behavior.
- Managing Interpersonal and Group Processes.
- Organizational Structure Design and Change.
- Quantitative Methods & Research Methodology.

Pharmacist

- Hospital and Clinical Pharmacy.
- Human Anatomy & Physiology.
- Health Education and Community Pharmacy.
- Biochemistry.
- Pharmaceutical Chemistry.
- Toxicology.
- Drug Store and Business Management
- Pharmacology.

UPRVUNL Syllabus – Part II

Hindi

- Vocabulary.
- Grammar.
- Comprehension.
- Fill in the blanks

- Parts of Speech.
- Translation of Sentences.
- Usage of Words.

General Knowledge

- Current Affairs – National & International.
- Indian Geography.
- Environmental Issues
- Science & Technology.
- History – India & World.
- Indian Polity.
- Indian Economy.
- Indian Constitution.

Reasoning Ability

- Visual Memory.
- Discrimination.
- Coding and Decoding.
- Relationship concepts.
- Non-verbal series.
- Observation
- Arithmetical Reasoning.
- Spatial Orientation.
- Figures Classification.
- Spatial Visualization.
- Analogies.
- Similarities and Differences.
- Arithmetic Number Series.
- Alphabet Series.