

DRDO Syllabus 2022 (Senior Technical Assistant-B and Technician-A)

DRDO Exam Pattern 2022

Name of the Subject	Number of Questions	Number of Marks
PART A <ul style="list-style-type: none"> ● Quantitative Ability/ Aptitude ● General Intelligence & Reasoning Ability ● General Awareness ● English Language (basic knowledge) ● General Science 	50	50
PART B <ul style="list-style-type: none"> ● Trade/ Discipline related Subjects 	100	100
Total	150 Questions	150 Marks
Time Duration: 120 Minutes		

DRDO Syllabus 2022 - (Subject Wise)

English

- Synonyms
- Antonyms
- Adverb
- Unseen passages
- Error Correction
- Verb
- Tenses
- Subject-Verb Agreement
- Grammar
- Comprehension
- Sentence Rearrangement
- Idioms & Phrases
- Vocabulary
- Articles.
- Fill in the Blanks etc

General Awareness

- Indian Constitution
- History – India & World
- Geography – India & World
- Cultural Heritage
- Science & Technology
- About India
- Indian National Movement
- Indian Polity & Governance etc

General Intelligence

- Blood Relations
- Analogy
- Directions
- Clocks & Calendars
- Coding-Decoding
- Number Series
- Alphabet Series
- Arithmetical Reasoning
- Non-Verbal Series
- Number Rankings
- Decision Making
- Embedded Figures Cubes and Dice
- Mirror Images

Mathematics

- Time and Work
- Time and Distance
- HCF & LCM
- Ratio and Proportions
- Simple & Compound Interest
- Data Interpretation
- Decimal & Fractions
- Percentages
- Profit and Loss
- Mixtures & Allegations
- Problems on Ages
- Number System
- Simplification
- Average

Tier II

Chemical

- Process Calculations And Thermodynamics
- Fluid Mechanics And Mechanical Operations
- Chemical Reaction Engineering
- Chemical Technology
- Heat Transfer.
- Mass Transfer

Electrical

- Electric Circuits and Fields
- Electrical and Electronic
- Measurements
- Analog and Digital Electronics
- Power Electronics and Drives
- Signals and Systems
- Electrical Machines
- Power System
- Control System
- Electro Magnetic Induction

Mechanical

- Engineering Mechanics
- Strength of Materials
- Engineering Materials
- Fluid Mechanics
- Heat Transfer
- Theory of Machines
- Vibrations
- Design
- Thermodynamics
- Machining and Machine Tool Operations
- Metal Casting
- Inventory Control and Operation Research

Instrumentation

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