

DRDO CEPTAM 9 Syllabus 2019 - Senior Technical Assistant B Examination

Quantitative Aptitude

- Simple & Compound Interest
- Number System
- HCF
- LCM
- Simplification
- Ratio and Proportion
- Unitary Method
- Decimal Fraction
- Time and Work
- Profit and loss
- Average
- Percentage
- Time and Distance
- Mensuration
- Algebra etc.

General Intelligence & Reasoning

- Syllogism
- Mathematical Operation
- Arithmetical Reasoning
- Clock and Calendar
- Time Sequence, Number and Ranking Test
- Number Puzzle
- Logical Sequence of Words
- Venn Diagrams
- Blood Relation
- Analogy
- Statement and Reasoning
- Completion of Figure
- Visual Reasoning
- Cube and Dice
- Paper Cutting and Folding
- Matrix Reasoning
- Classification
- Coding and Decoding
- Series
- Direction and Distance

English Language

- Phrase Replacement
- Sentence Improvement
- Fill in the Blanks
- Wrong Spelt
- One Word Substitution
- Error Spotting
- Oxymoron
- Active Voice and Passive Voice
- Onomatopoeia
- Anaphora
- British English – American English
- Direct and Indirect Speech
- Ellipsis
- Repetition
- Apostrophe
- Alliteration
- Allusion
- Jumbled Sentence
- Simile
- Reading Comprehension
- Metaphor
- Personification
- Cloze Test

General Knowledge

- Important Days
- Indian History
- Books and Authors
- International and National Organizations
- Science and Technology
- Sports
- Abbreviations
- General Policy
- Countries and Capitals
- Science – Inventions & Discoveries
- Awards and Honors
- Capitals of India
- Indian Economy
- Budget and Five Year Plans
- Current Affairs – National and International
- Indian National Movement

General Science Syllabus

- Natural Products and Drugs
- Nuclear Chemistry
- Chemical Kinetics and Thermodynamics
- Organic reaction mechanism and Stereochemistry
- Organometallic compounds, Bioinorganic chemistry, and Polymers
- Electrochemistry
- Analytical Chemistry and Instrumental methods

DRDO CEPTAM 9 Syllabus for Mech, Civil, CSE, EEE & ECE

DRDO Syllabus for Mechanical

- Fluid Mechanics.
- Thermodynamics.
- Engineering Materials.
- Theory of Machines.
- Design of Machine Elements.
- Turbo Machinery.
- The Strength of Materials.
- Operations and Research.
- Other important Mechanical Engineering Topics.

DRDO Syllabus for Civil Engineering

- Hydraulic Structures.
- Material & Construction Engineering.
- Hydrology and Water Resources Engg.
- Concrete Technology.
- Transportation Engg.
- Soil Mechanics.
- Foundation Engg.
- Reinforcing Concrete Structures.
- Environmental Studies.
- PSC Structures.
- Bridge Engineering.
- Costing and Specifications Etc.

DRDO Syllabus for Electrical Engineering (ECE) 2019 - DRDO Syllabus for ECE

- Basic Electronics.
- Basic Electrical Engg Concepts.
- Electrical Machines.
- Embedded Systems Topics.
- AC Fundamentals.

- Network Theory.
- Power Systems.
- Analog and digital electronics.
- Magnetic Circuits Topics.
- Utilization of Electrical Energy and
- Other Important Tele Networking Engg Topics.

DRDO Syllabus for CSE - DRDO CEPTAM 9 Syllabus for Computer Science

- Computer Networks.
- Basic Programming Knowledge.
- C, C++, Java, DBMS Etc.
- MS Office, Kernal (OS) Questions.
- Software Testing.
- Boolean Algebra.
- Data Structures.
- Database Management Systems.
- Office Automation.
- MIS
- Internet of Things
- Internet Usage.
- IP Versions, WWW, URL and Other Imp Topics.

DRDO CEPTAM 9 Syllabus for Electronics

- Basic Electricity Topics.
- Atomic Physics.
- Control Systems.
- Semiconductors.
- Analog Electronics.
- Digital Electronics.
- Instrumentation & Measurements Etc.