

Class 12+ / Dropper Syllabus

Exam Pattern Overview

Total Questions	40 (Physics: 15 Chemistry: 15 Math/Bio: 10)
Total Marks	160 Marks
Duration	90 Minutes
Mode	Online — via VidhyalQ App
Negative Marking	None (No deduction for wrong answers)
Medium	English & Hindi

Physics Syllabus

Electrostatics (Advanced)

- Uniformly charged sphere

Current Electricity

Magnetism

EMI (Advanced)

Alternating Current

Ray Optics

- Deviation

Chemistry Syllabus

Atomic Structure

- Quantum mechanical model

Chemical Bonding

Equilibrium (Advanced)

- Buffer solutions

Wave Optics

Photoelectric Effect

Atoms (Advanced)

Nuclei

Semiconductors

Fission & Fusion

Error Analysis

- Screw gauge
- Propagation
- Significant figures



Surface Chemistry

p-Block (Advanced)

d-Block (Advanced)

- Catalytic properties



Ø>Ýì Biology Syllabus (NEET Focus)

Cell Division (Advanced)

- Mitosis

Genetics (Advanced)

Molecular Basis (Advanced)

Biotechnology

Human Physiology

Plant Physiology

- C3 & C4 cycle

Ø=ÜÐ Mathematics Syllabus (JEE Focus)

Complex Numbers

- Argand plane

Progressive Series

Matrices (Advanced)

Definite Integration

Differential Equations

Vector Calculus

- Divergence

Ø<β̄ JEE Main Special Topics

Boolean Algebra

- Logic gates

Statics

Reproduction (Advanced)

Immunology

Evolution (Advanced)

Ecology (Advanced)

Microbiology

Applied Biology

- Plant breeding
- Tissue culture
- Bioinformatics

Probability (Advanced)

JEE Special Topics

Conic Sections (Advanced)

3D Geometry (Advanced)

Trigonometry (Advanced)

Functions & Graphs

- Periodic
- Inverse hyperbolic
- Parametric

Mathematical Logic

Linear Programming

1. Carry a valid photo ID (Aadhaar/Pan Card) to the exam center or show it in the VidhyaIQ app.

2. Exam link will be active from 9:00 AM to 9:00 PM on the exam date.

3. Use the latest version of VidhyalQ app for best experience.

4. Syllabus is based on latest NCERT pattern — cover all NCERT chapters thoroughly.

Based on your VSAT 2026 score, you can get up to 90% scholarship on VidhyaQ courses.

Preparation Tips for VSAT 2026

- 1. Start with NCERT** Complete all NCERT examples and back exercises before attempting any reference book.
- 2. Focus on Diagrams** Biology and Physics have diagram-based questions. Practice labeling and drawing.
- 3. Practice Mock Tests** Take at least 5 full-length mock tests before the exam date.
- 4. Revise Formulas** Maintain a formula sheet for Physics and Chemistry. Revise daily.
- 5. Time Management** Spend max 2 minutes per question. Flag difficult ones and return later.
- 6. Avoid Negative Thinking** No negative marking — attempt all questions!

Estimated Chapter Weightage

