

## Class 12 Syllabus

### Exam Pattern Overview

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

### Physics Syllabus

#### Electrostatics

- Coulomb's law

#### Current Electricity

#### Magnetic Effects

#### EMI & AC

#### Electromagnetic Waves

#### Optics

- Refraction

### Chemistry Syllabus

- Polarization

#### Solid State

- Crystalline

#### Solutions

#### Electrochemistry

- Electrolytic cell

#### Dual Nature

#### Atoms & Nuclei

#### Semiconductors

#### Communication

- Demodulation
- Satellite comm.
- Fiber optics



































































Coordination

Haloalkanes

Alcohols

• Properties





































































## Ø>Ýì Biology Syllabus (NEET Focus)

### Reproduction

- Sexual reproduction

Genetics

Molecular Basis

Evolution

Human Health

Biotechnology

- PCR

## Ø=ÜÐ Mathematics Syllabus (JEE Focus)

### Relations & Functions

- Types

Inverse Trigonometric Functions

Matrices & Determinants

Continuity

Derivatives

Application of Derivatives

- Tangents
- Maxima/Minima

Ecology

Environmental Issues

Digestion & Absorption

Excretory Products

Locomotion

Neural Control

- Peripheral
- Reflex
- Sense organs

Integrals

Application of Integrals

Differential Equations

Vector Algebra

3D Geometry

Probability

- Random variable
- Distribution

### & p Important Instructions for VSAT 2026

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 VidhyaIQ app for best experience.
4. Syllabus is based on latest NCERT pattern — cover all NCERT chapters thoroughly.
5. Focus on concepts and application-based questions for better scoring.



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

