



**TAGORE INTERNATIONAL SCHOOL**  
**VASANT VIHAR, NEW DELHI**  
**FINAL EXAMINATION SYLLABUS 2026**  
**CLASS: XI C & D**

**ENGLISH**

**Section A**

Reading Comprehension ( Unseen Prose/Poetry)

Note Making

**Section B**

**Grammar:**

Tenses

Clauses

Gap-filling

Re-ordering / transformation of sentences

**Creative Writing**

Poster

Speech

Debate

Classified Advertisements

**Section C**

Hornbill

**PROSE**

The Portrait of a Lady – Khushwant Singh

We're Not Afraid to Die... if We Can All Be Together – Gordon Cook & Alan East

Discovering Tut: The Saga Continues – A.R. Williams

The Adventure – Jayant Narlikar

Silk Road – Nick Middleton

**POETRY**

A Photograph – Shirley Toulson

The Laburnum Top – Ted Hughes

The Voice of the Rain – Walt Whitman

Childhood – Markus Natten

Father to Son – Elizabeth Jennings

Snapshots

The Summer of the Beautiful White Horse – William Saroyan

The Address – Marga Minco

Mother's Day – J.B. Priestley

Birth – A.J. Cronin

The Tale of Melon City – Vikram Seth

## **MATHEMATICS**

1. Sets
2. Relations and Functions
3. Trigonometric Functions
4. Linear Inequalities
5. Complex numbers
6. Sequence and series
7. Straight lines
8. Permutations and Combinations
9. Conic Sections
10. Limits and Derivatives
11. Probability

## **PHYSICS**

1. Units and measurements
2. Motion in a straight line
3. Motion in a plane
4. Laws of motion
5. Work, Energy and Power
6. Gravitation
7. Mechanical properties of solids
8. Mechanical properties of fluids
9. Oscillations
10. Waves

## **CHEMISTRY**

1. Some Basic Principles in Chemistry
2. Structure of Atom
3. Periodicity in Elements
4. Chemical Bonding
5. Equilibrium
6. Redox reactions
7. Some Basic Principles in Organic Chemistry
8. Hydrocarbons.

## **BIOLOGY**

- The Living World
- Biological Classification
- Plant Kingdom
- Morphology of Flowering Plants
- Anatomy of Flowering Plants
- Structural Organisation in Animals

- Cell : The Unit of Life
- Biomolecules
- Cell Cycle and Cell Division
- Photosynthesis in Higher Plants
- Respiration in Plants
- Plant Growth and Development
- Breathing and Exchange of Gases
- Body Fluids and Circulation
- Locomotion and Movement
- Chemical Coordination and Integration

## **COMPUTER SCIENCE**

### **Unit 1: Computer Systems and Organisation**

- Basic computer organisation
- Types of software
- Operating System(OS)
- Boolean logic
- Number System
- Encoding Schemes

### **Unit 2: Computational Thinking and Programming - I**

- Introduction to Problem-solving
- Familiarization with the basics of Python programming
- Knowledge of data types
- Operators
- Expressions, statement, type conversion, and input/output: precedence of operators, expression, evaluation of an expression, type-conversion (explicit and implicit conversion), accepting data as input from the console and displaying output.
- Errors- syntax errors, logical errors, and run-time errors
- Flow of Control
- Conditional statements
- Iterative Statement
- Strings, Lists, Tuples, Dictionary
- Introduction to Python modules
  - math module (pi, e, sqrt(), ceil(), floor(), pow(), fabs(), sin(), cos(), tan());
  - random module (random(), randint(), randrange()),
  - statistics module (mean(), median(), mode()).

### **Unit 3: Society, Law and Ethics**

## **PSYCHOLOGY**

1. Understanding Psychology

2. Methods of Enquiry in Psychology
3. Human Development
4. Sensory, Attentional and Perceptual Processes
5. Learning
6. Human Memory
7. Thinking
8. Motivation and Emotion

## **ECONOMICS**

### **Part A: Statistics for Economics**

Unit 1: Introduction.

Unit 2: Collection, Organisation and Presentation of data.

Unit 3: Measures of Central Tendency- Arithmetic mean, Median and Mode.

Correlation.

Index Numbers.

### **Part B: : Introductory Microeconomics**

Unit 4: Introduction.

Unit 5: Consumer's Equilibrium and Demand.

Unit 6: Producer Behaviour and Supply.

Unit 7: Perfect Competition - Price Determination and simple applications.