



TAGORE INTERNATIONAL SCHOOL
VASANT VIHAR, NEW DELHI
MID TERM EXAMINATION SYLLABUS 2026
CLASS: XII C & D

ENGLISH

Section A (Reading Comprehension)

Unseen Passage (Prose/Poetry)

Section B (Creative Writing Skills)

- Notice
- Article
- Letter to the Editor
- Report Writing
- Job Application
- Invitation & Replies

Section C (Literature)

Flamingo

- The Last Lesson
- Lost Spring
- Deep Water
- The Rattrap
- Poets & Pancakes
- My Mother At Sixty Six -P
- Keeping Quiet-P
- A Thing Of Beauty-P

Vistas

- The Third Level
- The Tiger King
- The Journey To The End Of The Earth
- The Enemy

MATHEMATICS

- Inverse trigonometric functions
- Matrices
- Determinants
- Continuity and differentiability
- Application of derivatives
- Integrals
- Application of Integrals

- Differential equations
- Linear programming

PHYSICS

CHAPTER 1 - Electric Charges and Fields
 CHAPTER 2 - Electrostatic Potential and Capacitance
 CHAPTER 3 - Current Electricity
 CHAPTER 4 - Moving Charges and Magnetism
 CHAPTER 5 - Magnetism and Matter
 CHAPTER 6 - Electromagnetic Induction
 CHAPTER 7 - Alternating Current
 CHAPTER 8 - Electromagnetic Waves

PRACTICAL

1. Ohm's Law
2. Half-Deflection
3. Sonometer
4. Angle Of Deviation For Prism
5. Focal Length Of Convex Lens
6. Focal Length Of Convex Mirror Using Convex Lens
7. Pn Junction Diode

CHEMISTRY

1. Solutions
2. Electrochemistry
3. Chemical kinetics
4. Haloalkanes and haloarene
5. Alcohol phenol and ether
6. Biomolecules

PRACTICAL

1. Salt analysis
2. Functional group analysis
3. Practical Record + Viva Voce

BIOLOGY

1. Sexual Reproduction in Flowering Plants
2. Human Reproduction
3. Reproductive Health
4. Principles of Inheritance and Variation
5. Molecular Basis of Inheritance
6. Evolution
7. Human Health and Diseases
8. Microbes in Human Welfare

PRACTICALS

One Major Experiment Part A

1. Isolate DNA from available plant material such as spinach, green pea seeds, papaya, etc.

One Minor Experiment Part A

1. Study the plant population density by quadrat method.
2. Study the plant population frequency by quadrat method.

Slide Preparation Part A

1. Prepare a temporary mount to observe pollen germination.
2. Prepare a temporary mount of onion root tip to study mitosis.

Spotting Part B

1. Flowers adapted to pollination by different agencies (wind, insects, birds).
2. Pollen germination on stigma through a permanent slide or scanning electron micrograph.
3. Identification of stages of gamete development, i.e., T.S. of testis and T.S. of ovary through permanent slides (from grasshopper/mice).
4. Meiosis in onion bud cell or grasshopper testis through permanent slides.
5. T.S. of blastula through permanent slides (Mammalian).
6. Common disease causing organisms like *Ascaris*, *Entamoeba*, *Plasmodium*, any fungus causing ringworm through permanent slides, models or virtual images or specimens. Comment on symptoms of diseases that they cause.

Practical Record + Viva Voce

ECONOMICS

Introductory Macroeconomics

- National Income and related aggregates
- Determination of income and employment
- Money and banking

Indian Economic Development

- Economic Reforms since 1991
- Human Capital formation
- Rural Development
- Employment

PSYCHOLOGY

- Variations in Psychological Attributes
- Self and Personality
- Meeting Life Challenges
- Psychological Disorders

COMPUTER SCIENCE

Revision Tour

- Strings, Lists, Tuples , Dictionaries
- Built in functions

File Handling

- Exception Handling
- Text File Handling
- Binary File Handling
- CSV File Handling

MySQL**Python - MySQL connectivity**