

SARASWATI VIDYA MANDIR INTER COLLEGE
HALF YEARLY SYLLABUS (2025-26)
CLASS XII : SCIENCE

- PHYSICS** : 1. ELECTRIC CHARGES AND FIELDS
2. ELECTROSTATIC POTENTIAL AND CAPACITANCE
3. CURRENT ELECTRICITY
4. MOVING CHARGES AND MAGNETISM
5. MAGNETISM AND MATTER
6. ELECTROMAGNETIC INDUCTION
7. ALTERNATING CURRENT
8. E.M. WAVES
9. RAY OPTICS AND OPTICAL INSTRUMENTS

CHEMISTRY :

1. Solutions
 2. Electrochemistry
 3. Chemical kinetics
 4. Haloalkanes and haloarenes
 5. Alcohols, phenols and ethers
 6. Aldehyde, ketones and carboxylic acids
 7. Amines
 8. Coordination compounds
- BIOLOGY**: 1. SEXUAL REPRODUCTION IN FLOWERING PLANTS
2. HUMAN REPRODUCTION
3. REPRODUCTIVE HEALTH
4. PRINCIPLE OF INHERITANCE AND VARIATION
5. MOLECULAR BASIS OF INHERITANCE
6. EVOLUTION
7. HUMAN HEALTH AND DISEASE

ENGLISH

- FLAMINGO** : 1. THE LAST LESSON
2. LAST SPRING
3. DEEP WATER
4. RAT TRAP
5. INDIGO

- POEM** : 1. MY MOTHER AT SIXTY-SIX
2. KEEPING QUIET
3. A THING OF BEAUTY
4. A ROAD SIDE STAND

- VISTAS** : 1. THE THIRD LEVEL
2. THE TIGER KING
3. JOURNEY TO THE END OF THE EARTH
4. THE ENEMY

- WRITING** : 1. NOTICE
2. INVITATIONS AND REPLIES
3. LETTERS (BOTH TYPES EDITOR/JOB APPLICATION)
4. ARTICLES
5. REPORT

READING COMPREHENSION : UNSEEN PASSAGES

INFORMATION TECHNOLOGY/COMPUTER SCIENCE

- 1.PYTHON REVISION 1 & 2
- 2.WORKING WITH FUNCTIONS
3. USING PYTHON LIBRARIES
- 4.FILE HANDLING

PHYSICAL EDUCATION :

- 1.MANAGEMENT OF SPORTING EVENTS
2. CHILDREN AND WOMEN IN SPORTS
- 3.YOGA AND LIFESTYLE
4. PHYSICAL EDUCATION AND SPORTS FOR CWSN
5. SPORTS NUTRITION
6. TEST AND MEASUREMENT IN SPORTS

MATHS:12 –A

- 1 Relation and Function
2. Inverse Trigonometric Functions
- 3.Matrices
- 4.Determinants
- 5 Continuity and Differentiability
- 6.Integration
- 7.Application of Integration

MATHS: 12-B

1. INVERSE TRIGONOMETRIC FUNCTIONS
2. MATRICES
3. DETERMINANTS
4. CONTINUITY AND DIFFERENTIABILITY
5. LINEAR PROGRAMMING

HINDI :

अपठित : गद्यांश पद्यांश

लेखन: नए और अप्रत्याशित विषयों पर लेखन

(रचनात्मक लेखन)

विभिन्न माध्यमों के लिए लेखन

पत्रकारीय लेखन के विभिन्न रूप और लेखन प्रक्रिया

विशेष लेखन स्वरूप और प्रकार

कहानी व नाटक की रचना समाचार लेखन

आरोह: आत्म परिचय,दिन जल्दी-जल्दी ढलता है

पतंग ,कविता के बहाने बात सीधी थी,पर

कमरे में बंद अपाहिज, उषा,

बदल राग

गद्य: भक्ति बाजार ,दर्शन काले मेघा पानी दे

पहलवान की ढोलक

वितान: सिल्वर वेडिंग, जूझ