

Class 10

St. Mary's Convent high school, Kanpur

Syllabus 2026-2027

ENGLISH I

UNIT TEST 1

1. Letter Writing

2. Grammar

HALF YEARLY

Total English (Practice Paper 1-8) , Composition, Comprehension, Letter Writing ,Notice and Email, Grammar.

FIRST PRE-BOARD EXAMINATION

Total English (Practice Paper 9-15) , Composition, Comprehension, Letter Writing, Notice and Email, Grammar .

ENGLISH II

UNIT TEST I

TREASURE CHEST

1. PROSE: With the Photographer

2. POETRY : Haunted Houses

HALF YEARLY

1. DRAMA – JULIUS CAESAR Act III

2. TREASURE CHEST : PROSE

a. With the Photographer

b. The Elevator

c. The Girl Who Can

3. TREASURE CHEST:POETRY

a. Haunted Houses

b. The Glove and the Lions

FIRST PRE- BOARD EXAMINATION

1.DRAMA- JULIUS CAESAR: Act IV ,V

2.TREASURE CHEST: PROSE

a. The Pedestrian

b. The Last Lesson

3. TREASURE CHEST : POETRY

a. When Great Trees fall

b. A Considerable Speck

c. The Power of Music

SECOND PRE-BOARD EXAMINATION

The entire syllabus.

ECONOMIC APPLICATIONS

FIRST TERM

First Unit Test

1. Forms of Market Structures

2. Land

3. Labour

Half Yearly Examination

1. Demand: Law of Demand and Determinants of Demand

2. Supply: Law of Supply and Determinants of Supply

3. Elasticity of Demand and Supply

4. Factors of Production: Land and Labour

5. Factors of Production: Capital and Entrepreneur

6. Forms of Market Structures

FINAL EXAMINATION

1. Role of State in Economic Development

2. Public Sector Enterprises and their Privatisation

- 3. Money and Inflation
- 4. Banking: Commercial Banks and Central Bank
- + All the chapters done during the year

PHYSICAL EDUCATION

1st Unit Test

Section 'A'

- 1- Human growth and development
- 2- Physical Education
- 3- Body types

Section 'B'

4- Badminton

Half Yearly Exam

Section A

5- Physical fitness

6- Sports training

7- Safety in sports

8- Health education

9- Careers in Physical Education

Section 'B'

1- Volleyball

2- Football

3- Badminton

Final Examination

Section A and B

Entire syllabus of ICSE

ART

FIRST UNIT

Still Life: 1. Chips Packet, bowl and glass 2. Ladies purse, umbrella and Goggles.

Nature: Carnation, Flux, Panzy, Zinnia.

HALF YEARLY

Still Life: 1. Books , Pen stand and Table lamp 2. kettle and Cup plate 3. Tiffin Box, Flower Vase with Flower and Water bottle.

Nature: Petunia, Money Plant, Rose, Yellow Oleander, Pink Oleander.

FINAL TERM

Still Life: Cane basket with vegetables, Transparent Bowl with Fruits, Flask and Ladies Purse, bucket mug and brush.

Nature: Papaya, Ginger, Dahlia, Bougainvillea, Croton.

Fashion designing

1st term

Unit I

- a. The choice, purchase, use and care of tools and equipment.
- b. The choice, purchase, use and care of Sewing machine.

Unit II

- a. Figure measurements, figure problems.
- b. Pattern choice and use
- c. Preparation of fabric for cutting
- d. Pattern layouts and cutting out
- e. Garment fitting

Unit test-1

Unit I

- a. The choice, purchase, use and care of tools and equipment.
- b. The choice, purchase, use and care of Sewing machine.

Practical-

1. Making dresses, blouses, skirts, salwar, kameez, etc.
2. Sewing for the home: curtains, bedspreads, and furnishings.

Half yearly Examinations

Unit I

- a. The choice, purchase, use and care of tools and equipment.
- b. The choice, purchase, use and care of Sewing machine.

Unit II

- a. Figure measurements, figure problems.
- b. Pattern choice and use
- c. Preparation of fabric for cutting
- d. Pattern layouts and cutting out
- e. Garment fitting

2nd term

Unit II

- f. Sequence of assembling garments
- g. Methods of pressing

Unit III

- a. Stitches used in making garments- fullness, seams, seams finishes, fasteners, etc.

Unit IV

- a. Making of traditional designs and decorative stitches.

Practical- Sewing of children's clothes.

Prelim 1

Unit I

- a. The choice, purchase, use and care of tools and equipment.
- b. The choice, purchase, use and care of Sewing machine.

Unit II

- a. Figure measurements, figure problems.
- b. Pattern choice and use
- c. Preparation of fabric for cutting
- d. Pattern layouts and cutting out
- e. Garment fitting
- f. Sequence of assembling garments
- g. Methods of pressing

Prelim 2

Unit I

- c. The choice, purchase, use and care of tools and equipment.
- d. The choice, purchase, use and care of Sewing machine.

Unit II

- h. Figure measurements, figure problems.

- i. Pattern choice and use
- j. Preparation of fabric for cutting
- k. Pattern layouts and cutting out
- l. Garment fitting
- m. Sequence of assembling garments
- n. Methods of pressing

Unit III

- a. Stitches used in making garments- fullness, seams, seams finishes, fasteners, etc.

Unit IV

- a. Making of traditional designs and decorative stitches.

note : The Entire syllabus will be included in the Preliminary Examinations.

Computer Applications

Unit Test-1

All Java Tokens, Conditional Statements, Loops, Pattern based (Rectangular and Right Angled Triangle ONLY Patterns) programs, Mathematical Library – Math Class Methods, Input in Java, String class and its functions.

Half Yearly

Entire class 9th syllabus, Menu driven programs, String class and its functions, Application of String class functions, Array, 1D and 2D Array application, Searching Technique (Linear and Binary), Sorting Technique (Bubble and Indexed Selection Sort), Introduction of User Defined Functions (Methods), Function Prototype, Function Signature, return statement, Function Overloading & Overriding, Call by Value, Call by Reference, Pure and Impure Functions.

Prelims

User Defined Class, Objects, this keyword, Constructor, Instance variable & Methods, Class (static) variable & Methods, Wrapper Class & its functions, Autoboxing & Unboxing in Wrapper Class, Access Specifiers, Visibility Modifiers, Scope & Visibility Rules, Introduction of Inheritance, OOPs Concept, Entire ISCE Computer Applications Syllabus.

Physics

Term I

First unit test.

Force, work, energy and power

Half yearly

Force, work energy and power, machines. Refraction of light at plane surfaces, Refraction through a lens spectrum, Sound, Current Electricity(section A)

Final term

Entire syllabus of first term, current electricity remaining part, Household circuits, Electromagnetism. Calorimetry, Radioactivity.

CHEMISTRY

Unit Test

- Periodic Table -Periodic properties n Variations of properties
- Analytical Chemistry

Half Yearly.

- Periodic Table - Periodic properties and Variations of properties,
- Chemical Bonding,
- Analytical Chemistry,
- Hydrogen Chloride,
- Ammonia,
- Nitric Acid,
- Sulphuric Acid .

Prelims

- Mole Concept and Stoichiometry,
- Electrolysis,
- Acid, Bases and Salts,
- Metallurgy,
- Organic Chemistry,
- Practical Chemistry + Half Yearly Syllabus

Biology

UNIT 1

Cell cycle, cell division and structure of chromosomes, Genetics.

HALF YEARLY

Unit 1 + Absorption by roots, Transpiration, Photosynthesis, Chemical Coordination in plants, Circulatory system.

PRELIMS

Half yearly syllabus+ Excretory system, Nervous system, Sense organs, Endocrine system, Reproductive system, Population, Human Evolution, Pollution.

MATHEMATICS

First Term Syllabus

- * Banking
- * Linear Inequations
- * Quadratic Equations
- * Ratio and proportion
- * Remainder and Factor Theorems
- * Matrices
- * Arithmetic Progression
- * Geometric Progression
- * Trigonometrical Identities
- * Heights and Distances
- * Section and Mid-Point Formula
- * Equation of a Line
- * Locus

First Unit Test

- * Arithmetic Progression
- * Quadratic Equations

- * Matrices
- * Remainder factor theorem

Final Term (Prelims)

- * Shares and Dividend
 - * Cylinder and Cone
 - * Similarity
 - * Circles
 - * Tangent to a Circle
 - * Reflection
 - * GST
 - * Graphical Representation (Histograms and Ogives)
 - * Measures of Central Tendency (Mean, Median, Quartiles and Mode)
 - * Probability.
- +(Chapters of First Term)

HISTORY AND CIVICS

Unit Test 1

- 1.The First War of Independence
2. Growth of Nationalism and Foundation of Congress

HALF YEARLY EXAMS

CIVICS

- I.The Union Legislature
 - 1.Union Parliament
 - II. The Union Executive
 - 2.The President and the Vice President

HISTORY

- 1.The First War of Independence
2. Growth of Nationalism

3. First Phase of Indian National Movement
4. Second Phase of the Indian National Movement
5. The Muslim League
6. Mahatma Gandhi and the National Movement
7. Quit India Movement
8. Forward Bloc and the INA
9. Independence and Partition of India

FINAL EXAMS

CIVICS

- II. The Union Executive
3. Prime Minister and Council of Ministers
- III. The Union Judiciary
4. The Supreme Court
3. The State Judiciary: The High Courts and Subordinate Courts

HISTORY

1. The First World War
2. Rise of Dictatorships
3. The Second World War
4. United Nations
5. Major Agencies of the United Nations
6. Non Aligned Movement

PRELIMINARY EXAMS

Note: The Entire syllabus will be included in the Preliminary Examinations.

GEOGRAPHY

UNIT TEST I

1. Waste Management
2. Climate
3. Soil Resources
4. Toposheet (till taught)

5. Map Work

HALF YEARLY EXAMINATIONS

1. Climate
2. Soil Resources
3. Natural Vegetation
4. Water Resources
5. Minerals and Energy Resources
6. Agriculture-I (Food Crops)
7. Waste Management
8. Toposheet (till taught)
9. Map Work

PRELIMINARY EXAMINATIONS

1. Climate
2. Soil Resources
3. Natural Vegetation
4. Water Resources
5. Minerals and Energy Resources
6. Agriculture-I (Food Crops)
7. Agriculture-II (Cash Crops)
8. Manufacturing Industries (Agro based)
9. Manufacturing Industries (Mineral based)
10. Transport
11. Waste Management
12. Toposheet (till taught)
13. Map Work

SYLLABUS -2026 - 27

CLASS- X

HINDI

UNIT-1

गद्य- भेड़े और भेड़िए, विनय के पद

व्याकरण- समस्त हिंदी व्याकरण

Half yearly

गद्य -भेड़े और भेड़िए ,बड़े घर की बेटी, संदेह

पद्य-विनय के पद, सूर के पद, चलना हमारा काम है

व्याकरण-निबंध, पत्र लेखन औपचारिक पत्र, अनौपचारिक पत्र ,पर्यायवाची शब्द, विलोम शब्द ,विशेषण ,भाववाचक संज्ञा, वचन ,लिंग ,तत्सम तद्भव, वाक्यांश, मुहावरे, लोकोक्ति ,शुद्ध अशुद्ध ,अपठित गद्यांश ।

Final Exam

गद्य- भीड़ में खोया आदमी, दो कलाकार

पद्य- मातृमंदिर की ओर, भिक्षुक

व्याकरण- समस्त हिंदी व्याकरण