



# St. Mary's Convent Inter College

32, Thornhill Road, Prayagraj, UP - 211002

## Syllabi for the year 2025-26

### Class - 12

#### **VALUE EDUCATION**

##### **First Terminal Examination**

##### **Personality Development**

Building your character  
Healthy Relationships  
Overcoming loneliness  
Recognizing Depression  
Dealing with discouragement  
Stop worrying  
Beating alcoholism  
HIV/AIDS Awareness

##### **School diary**

Profile of an SMC student  
Theme of the year

##### **Preliminary Examination**

##### **Personality Development**

Dignity of work  
Spirit of tolerance  
Setting priorities  
Making a difference

##### **School diary**

CJ culture

#### **ENGLISH LANGUAGE**

##### **First Terminal Examination**

Composition – Narrative, Descriptive, Story  
Writing, Reflective, Argumentative  
Directed Writing - Book Review, Article  
writing, Speech Writing, Statement of  
Purpose, Report Writing  
Proposal Writing based on given situation  
Grammar – Transformation of sentences,  
Verbs and Prepositions  
Comprehension  
Project:  
Listening and Speaking Skills  
Writing Skills –Speech Writing and Proposal  
Writing

(1)

##### **Preliminary Examination I**

Complete Syllabus

##### **Preliminary Examination II**

Complete Syllabus

#### **ENGLISH LITERATURE**

##### **First Terminal Examination**

Macbeth: Act III and Act IV

Prism:

Atithi

The Cookie Lady

There Will Come Soft Rains

Rhapsody:

Telephone Conversation

Tithonus

Beethoven

##### **PROJECT**

Analysis of a theme on any ONE – Atithi /

Telephone Conversation

##### **Preliminary Examination I**

Complete Syllabus

##### **Preliminary Examination II**

Complete Syllabus

#### **PHYSICS**

##### **First Terminal Examination**

Ch. 1-Electric Charges and Fields

Ch. 2- Gauss's Theorem

Ch. 3- Electric Potential and Potential Energy

Ch. 4- Capacitors and Dielectrics

Ch. 5- Electric Current and Ohm's Law

Ch. 6- D.C Circuits and Measurements

Ch. 13- Electromagnetic waves

Ch. 14- Reflection of Light: Spherical Mirrors



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Ch. 15- Refraction of Light at a Plane Interface: Total Internal reflection: Optical Fibre  
Ch. 16- Refraction of Light at Spherical Surfaces: Lenses  
Ch. 17- Refraction and Dispersion of Light through a Prism  
Ch. 18- Optical Instruments  
Ch. 19- Wave Nature of Light: Huygen's Principle  
Ch. 20- Interference of Light  
Ch. 21- Diffraction of Light

#### **Preliminary Examination I**

Complete Syllabus

#### **Preliminary Examination II**

Complete Syllabus

### **CHEMISTRY**

#### **First Terminal Examination**

Solutions,  
Electrochemistry,  
d and f block elements  
Haloalkanes and haloarenes  
Alcohol, Phenol and ethers

#### **Practical**

1. Salt analysis
2. Identification of organic compounds

#### **Project**

Structure of biomolecules

#### **Preliminary Examination I**

Complete Syllabus

#### **Preliminary Examination II**

Complete Syllabus

### **BIOLOGY**

#### **First Terminal Examination**

1. Reproduction (Entire Unit)
2. Genetics and Evolution (Entire Unit)
3. Biology and Human Welfare: (iii) Microbes in Human Welfare

**Practical:** Practical Work & Practical Ex-Book to be assessed.

#### **Preliminary Examination I**

Complete Syllabus

#### **Preliminary Examination II**

Complete Syllabus

### **MATHEMATICS**

#### **First Terminal Examination**

##### **Section A**

1. Relations and Functions
2. Inverse Trigonometric Functions
3. Matrices
4. Determinants
5. Continuity and Differentiability
6. Applications of Derivatives

##### **Section B**

1. Vectors
2. Three Dimensional Geometry (Lines)

##### **Section C**

1. Application of Calculus in Commerce and Economics

#### **Preliminary Examination I**

Entire syllabus as prescribed by the council

#### **Preliminary Examination II**

Entire syllabus as prescribed by the council



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**Project 1:** Prescribed by the council (Section A)

**Project 2:** Prescribed by the council (Section B or Section C)

### **ACCOUNTANCY**

#### **First Terminal Examination**

Partnership Fundamentals

Valuation of Goodwill

Admission of a partner

Retirement and Death of a partner

Dissolution of partnership firm

Issue of shares

Issue of Debentures

Redemption of Debentures

#### **Project work**

Financial Statement of Partnership Firms

Issue of Shares

#### **Preliminary Examination I**

Entire syllabus as per ISC

#### **Preliminary Examination II**

Entire syllabus as per ISC

### **COMMERCE**

#### **First Terminal Examination**

Chapter 1: Business Environment

Chapter 2: Capital – Fixed and Working

Chapter 3: Sources of Finance for a Joint Stock Company

Chapter 4: Banking – Latest Trends

Chapter 5: Management- Meaning, Nature and Importance

Chapter 6: Principles of Management

Chapter 7: Functions of Management and Coordination

Chapter 8: Planning

Chapter 13: Marketing – Concept and Functions

Chapter 14: Marketing Mix

Chapter 15: Consumer Protection

#### **Project work**

Banking – Latest Trends

Consumer Protection

#### **Preliminary Examination I**

Entire syllabus as per ISC

#### **Preliminary Examination II**

Entire syllabus as per ISC

### **ECONOMICS**

#### **First Terminal Examination**

Chapter 2: Demand and Law of Demand

Chapter 3: Theory of Consumer Behaviour: Marginal Utility and Indifference Curve Analysis

Chapter 4: Elasticity of Demand

Chapter 5: Supply - Law of Supply and Price Elasticity of Supply

Chapter 6: Market Mechanism: Equilibrium Price and Quantity in a Competitive Market

Chapter 7: Laws of Returns - Returns to a Factor and Returns to Scale

Chapter 8: Cost and Revenue Analysis

Chapter 9: Forms of Market

Chapter 10: Producer's Equilibrium

Chapter 11: Determination of Equilibrium Price and Output under Perfect Competition

Chapter 12: Theory of Income and Employment

Chapter 13: Money: Meaning and Functions

Chapter 14: Banks: Commercial Bank and Central Bank

**Project 1-** Monopolistic in the Indian market.





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### Class - 12

**Project 2-** Public Finance.

#### **Preliminary Examination I**

Entire syllabus as per ISC is to be covered.

#### **Preliminary Examination II**

Entire syllabus as per ISC is to be covered.

### **PSYCHOLOGY**

#### **First Terminal Examination**

Chapter 1: Intelligence and Abilities.

Chapter 4: Stress and Stress Management.

Chapter 2: Personality.

Chapter 3: Life Span Development.

**Project** – A study based on Stress

#### **Preliminary Examination - I**

Complete Syllabus

#### **Preliminary Examination - II**

Complete Syllabus

### **HISTORY**

#### **First Terminal Examination**

##### **INDIAN HISTORY**

Chapter 1: Towards Independence and

Partition: The Last Phase (1935-1947)

Chapter 2: Establishment and Development of  
Indian Democracy (1947-1966)

Chapter 3. Challenges to Indian Democracy  
(1964-1977)

##### **WORLD HISTORY**

Chapter 7: World War II

Chapter 8: De-Colonisation in Asia (China)  
and Africa (Ghana & Kenya)

Chapter 9: Cold War 1945-1991 : Origin,  
Course, End and Impact

**Project I:** The Quit India Movement of 1942

(4)

**Project II:** Mahatma Gandhi and the  
Nationalist Movement

#### **Preliminary Examination - I**

Complete Syllabus

#### **Preliminary Examination - II**

Complete Syllabus

### **HINDI**

#### **First Terminal Examination**

गद्य संकलन- पुत्र प्रेम, गौरी , शरणागत, सती,  
आउट साइडर

काव्य मंजरी – साखी , बाल लीला , एक फूल की  
चाह, आ: धरती कितना देती है।, नदी के द्वीप  
सारा आकाश- पूर्वाद्ध अध्याय 1 से 10

व्याकरण- निबंध, अपठित गद्यांश, मुहावरे , अशुद्ध  
वाक्य को शुद्ध करना।

**Project-** निबंध, अपठित गद्यांश, मुहावरे, अशुद्ध  
वाक्य को शुद्ध करना, आउट साइडर, एक फूल की  
चाह, समर का चरित्र चित्रण।

#### **Preliminary Examination - I**

गद्य संकलन- दासी, क्या निराश हुआ जाए, संस्कृति  
क्या है? , भक्तिन, मजबूरी

काव्य मंजरी – तुलसीदास के पद , जाग तुझको दूर  
जाना है।,

उद्यमी नर, बादल को घिरते देखा है , अंधेरे का  
दीपक

सारा आकाश- उत्तराद्ध अध्याय 1 से 10

व्याकरण- निबंध, अपठित गद्यांश, मुहावरे, अशुद्ध  
वाक्य को शुद्ध करना ।

**Note:** तीनों किताबों से बोर्ड द्वारा निर्धारित पूरा  
पाठ्यक्रम आएगा।

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### Class - 12

#### **Preliminary Examination - II**

गद्य संकलन- दासी, क्या निराश हुआ जाए, संस्कृति क्या है? , भक्तिन, मजबूरी

काव्य मंजरी – तुलसीदास के पद , जाग तुझको दूर जाना है।,

उद्यमी नर, बादल को घिरते देखा है ,अंधेरे का दीपक

सारा आकाश- उत्तरार्द्ध अध्याय 1 से 10

व्याकरण- निबंध, अपठित गद्यांश, मुहावरे, अशुद्ध वाक्य को शुद्ध करना।

**Note:** तीनों किताबों से बोर्ड द्वारा निर्धारित पूरा पाठ्यक्रम आएगा।

#### **LEGAL STUDIES**

##### **First Terminal Examination**

Ch-1. The Bharatiya Nyaya Sanhita (BNS), 2023

Ch-2. Alternate Dispute Resolution (ADR)

Ch-4. Indian Contract Act, 1872

Ch-7. Fundamental Rights, Duties and Directive Principles of State Policy

Ch-9. Legal Maxims

##### **Project:**

Students to undertake two studies of 15 Marks each.

1. "Changing the Decision-Making Process: From Lawsuit to Arbitration." Analyse with objectivity.

2. Research the following case studies and submit your findings on any two:

(a) Lalman Shukla v Gauri Dutt case - 1913 40 ALJ 489

(b) Balfour v Balfour [1919] 2 KB 571

#### **Preliminary Examination –I**

Complete syllabus

#### **Preliminary Examination - II**

Complete syllabus

#### **COMPUTER SCIENCE**

##### **First Terminal Examination**

Objects and classes

Boolean Algebra

Computer Hardware

Concept of Inheritance

Simple Data Structures

Recursion

Revision of class 11

##### **Practical Work / Project**

Assignments given in the class and lab

#### **Preliminary Examination I**

Complete Syllabus

#### **Preliminary Examination II**

Complete Syllabus

#### **PHYSICAL EDUCATION**

##### **First Terminal Examination**

Ch. 1- Sociological Aspects of Physical Education

Ch. 2- Training Methods

Ch. 3- Career Aspects in Physical Education

Ch. 4- Competitions and Tournaments

**Practical:** Game and Physical Efficiency test- Basketball and badminton

#### **Preliminary Examination I**

Complete Syllabus

**Practical:** Game and Physical Efficiency test

#### **Preliminary Examination II**

Complete Syllabus



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#### **ART**

##### **First Terminal Examination**

Dried flower in artistic way, croton plant, fruits and vegetables etc.

Paper- 4

1. Children playing football
2. Folk dance from Rajasthan
3. A woman waiting for bus at bus stop
4. One mythological character (your own imagination)

Paper-5

1. Book cover designs
2. Calligraphy

##### **Preliminary Examination I**

Complete Syllabus of classes 11 and 12

##### **Preliminary Examination II**

Complete Syllabus of classes 11 and 12

#### **FASHION DESIGNING**

##### **First Terminal Examination**

Introduction to textiles.

Textile fibres

Yarns

Fibre construction techniques

Textiles in India

History of fashion in Europe I

History of fashion in Europe II

Traditional costumes of women in India

Traditional costumes of men in India

##### **Practical**

Fibre Identification

Basic weaves

Fabric swatches

Ten Macrame knots names

Leaf and vegetable printing

Sixteen tie-dye samples

(6)

Newspaper clippings

Laundrying and finishing of textile fabrics

Renovation and repair, darning and patch work

##### **Preliminary Examination I**

Complete Syllabus

##### **Preliminary Examination II**

Complete Syllabus

#### **SOCIALLY USEFUL**

##### **PRODUCTIVE WORK (S.U.P.W)**

##### **First Terminal Examination**

Community Service – Maintaining discipline and cleanliness in the corridor

Basic Craft

(a) Folder out of waste material

(b) Masks

**Project:** Unity in diversity

##### **Preliminary Examination**

Basic Craft

(a) Wind Chime

(b) Pencil Bags (old leather, stiff cloth etc. to be used)

**Project:** Every grandparent needs the opportunity to love and be loved

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