

SYLLABUS 2026-27
Cls 12 – SCIENCE STREAM

ENGLISH I (Eng. Lang.)

UNIT TEST 1: Proposal Writing, Grammar

HALF YEARLY: Total English: Units 1 to 8, Composition, Report writing, Proposal Writing, Grammar, Comprehension

FINAL EXAMS: Total English: Units 9 to 15, Composition, Report Writing, Proposal Writing, Grammar, Comprehension

ENGLISH II (Eng. Lit.)

UNIT TEST 1: Prism – Atithi/ Guest, Rhapsody- Telephone Conversation

HALF YEARLY: Macbeth: Act III, Prism: 1. Atithi/ Guest 2. The Cookie Lady
3. There Will Come Soft Rains, Rhapsody: 1. Telephone Conversation

2. Tithonus

FINAL EXAMS: Macbeth: Acts IV, V, Prism : 1. Indigo 2. The Medicine Bag,

Rhapsody: 1. Beethoven 2. Small Towns and the River 3. Death Be Not Proud, Note:
The entire syllabus will be included in the Preliminary examinations.

PHYSICS

1st UNIT TEST : Electrostatics, Electric charges and fields, Gauss' theorem, Electric potential, Capacitors and dielectrics

Half Yearly: Electrostatics- Current electricity, Magnetic effects of current and magnetism, Electromagnetic induction and alternating currents, Electromagnetic waves.

FINAL TERM : Entire I st term syllabus, Optics, Dual nature of radiation and matter, Atoms and nuclei, Semiconductor devices.

CHEMISTRY

UNIT 1:

- Haloalkanes & Haloarenes
- Coordination Compounds

HALF YEARLY :

- Solutions,
- Electrochemistry,
- Coordination Compounds,
- Haloalkanes & Haloarenes,
- Alcohols, Phenols and Ethers,
- Biomolecules,
- Practical Chemistry

PRELIMS :

- Chemical Kinetics,
- The D and F block Elements,
- Aldehydes, Ketones and Carboxylic Acids,
- Organic Compounds containing Nitrogen,

- Practical Chemistry,

Entire Half yearly Syllabus.

BIOLOGY

UNIT Test-1: Reproduction in Organisms, Sexual reproduction in flowering plants
Human Reproduction, Reproductive Health

HALF YEARLY: Reproduction in Organisms, Sexual reproduction in flowering plants
Human Reproduction, Reproductive Health, Principles of Inheritance and Variation
Molecular Basis of Inheritance, Origin of life, Evidences and Theories of Biological
Evolution, Human Health and Diseases, Strategies for Enhancement in Food
Production, Microbes in Human Welfare, Bio-Practicals

PRELIMS: Principles and Processes of Biotechnology, Biotechnology and its
applications, Organisms and Populations, Ecosystem, Biodiversity and its conservation
Environmental issues, Entire Half Yearly Syllabus. Bio-Practicals

Mathematics

_Class 12 (Science group)

Half yearly

- 1) Relation and Functions
- 2) Inverse Trigonometric Functions
- 3) Matrices
- 4) Determinants
- 5) Continuity and Differentiability
- 6) Application of Derivatives
- 7) Integrals
- 8) Linear Programming

Final Exam

- 1) Application of Integrals
- 2) Differential Equations
- 3) Vector Algebra
- 4) Three Dimensional geometry
- 5) Probability

And all the chapters of Half yearly.

Unit Test 1

- 1) Matrices
- 2) Inverse Trigonometric Functions
- 3) Continuity and Differentiability

Computer Science

Unit Test-1 : Boolean Algebra, Inheritance, String Tokenizer, Recursive
Functions.

Half Yearly: *Entire Class 11th Computer Syllabus*, Boolean Algebra, Propositional
Logic, Well-Formed Formulae, Truth Table, Equivalence Laws, Computer Hardware (Logic
Gates, Universal Gates, Circuits, Half Adder, Full Adder, Encoder, Decoder,
Multiplexer, De-Multiplexer), Boolean expressions to sum of products and product of
sums forms, Karnaugh Maps (up to four variables), SOP and POS representation,
Maxterms & Minterms, Canonical and Cardinal representation, reduction using
Karnaugh maps and Boolean algebra.

Java Access Specifiers, Visibility Modifiers, Scope & Visibility Rules, Inheritance,
Interfaces and Polymorphism, super keyword, Array (1D & Multi-Dimension),

Searching, Sorting Technique (Bubble, Selection, Insertion), Array Address Calculation, String, StringBuffer, Recursion, Conversion of Infix to Prefix and Postfix notations.

Prelims : *Entire Half Yearly syllabus*, Recursive Data Structure (Trees, BST), Data Structure, Stack, Queue, Circular queue, Dequeue , Singly Linked List (Conceptual, Algorithm and programming), Binary Trees, Tree Traversals (Conceptual). Exception Handling, Implementation of Algorithms, Computational Complexity, Big-O Notation, concept of input size, estimating complexity in terms of methods, dominant term, constants, best, average and worst case, Entire ISC Computer Science Syllabus.

PHYSICAL EDUCATION

1st Unit Test

Section 'A'

- 1- Competitions and tournaments
- 2- Career aspect in physical education

Section 'B'

3. Badminton

Half Yearly Exam

Section 'A'

- 1- Sociological aspect of physical education
- 2- Training methods
- 3- Competitions and tournaments
- 4- Career aspect in physical education
- 5- Health education and health problems
- 6- Sports injuries and first aid

Section :B

- 1- Volleyball
- 2- Badminton
- 3- Football

Final Exam Entire syllabus of ISC 2026-27

Fashion Designing

1st term

(theory)

1. Introduction to textile
 - Definitions
 - Importance of the textile industry
2. Textile fibres
 - Types of fibre • Classification of textile fibres
 - Fibre properties
3. Yarns
 - Yarn formation
 - Yarn twist
 - blends
4. Fabric construction techniques
 - Weaving
 - Other fabric construction techniques
 - Non-woven fabrics
5. Textiles in India
 - Significance of colour in India

- Indigenous dyes
- Indian textiles
- drapes

(practical)

1. Fibre identification
2. Basic weaves
3. Fabric swatches
4. Macrame
5. Tie and dye

2nd term

(theory)

1. History of fashion in Europe: 1901-1950
 - 1901-1920- Edwardian period/ labelle epoque/world war 1
 - 1941-1950- frugal period/world war 2
2. History of fashion in Europe: 1961-till date
 - 1961-70- swinging sixties/ hippies
 - 1971-80- disco decade/ punk period
 - 2001- till date

3. Traditional costumes of women in India

4. Traditional costumes of men in India

(practical)

1. Texture printing
2. Board making
3. Laundering and finishing of textile fabrics
4. Renovation and repair work

ARTS

ART Syllabus for class-12th

FIRST UNIT

Still Life: 1.Table clock, open book and pen stand 2.Chips packet ,Bowl and mug 3. Samosa, tomato ketchup and tissue paper.

Nature: Carnation, Flux, Panzy, Sweet pea, Nasturtium, Poppy.

HALF YEARLY

Still Life: 1.Kettle and Cup plate, 2.Tiffin Box, Flower Pot and Water bottle 3. Cane basket with vegetables.

Nature: Aster, Earthen Pot with Money Plant, Yellow Oleander, Pink Oleander.

FINAL TERM

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

Nature: Papaya, Ginger, Dahlia, Bougainvillea, Petunia, Zinnia.

VALUE EDUCATION

HALF YEARLY

1. Modern Lifestyle
2. Modern Day Slavery

3. Respecting Diversity
4. Ragging- A Torture
5. Alcoholism
6. Choosing a Career
7. Generation Gap

FINAL

1. Eve- Teasing
2. Drug Addiction- A Menace
3. AIDS- A Dreadful Disease
4. Digital India
5. Gems of India
6. Global Icons

HINDI

Class -XII

Syllabus-2026-27

UNIT Test-1:

गद्य- दासी

काव्य मंजरी- तुलसीदास के पद

व्याकरण - महावरे, वाक्यों को शुद्ध करना

HALF YEARLY EXAM:

गद्य -भक्तिन, दासी, संस्कृति क्या है?

काव्य मंजरी - उद्यमी नर, तुलसीदास के पद, बादल को घिरते देखा है, सारा आकाश- उपन्यास उत्तरार्ध -

सुबह- अंक 1,2,3,4,5 व्याकरण- निबंध, कहानी, महावरे, वाक्यों को शुद्ध करना, अपठित गद्यांश।

FINAL EXAM:

गद्य-1. क्या निराश हुआ जाए ?, मजबूरी

काव्य मंजरी - 2. जाग तुझको दूर जाना है 2. अंधेरे का दीपक

सारा आकाश उपन्यास

उत्तरार्ध - सबुह - अंक - 6, 7,8,9,10

व्याकरण-निबंध, कहानी, महावरे, वाक्यों को शुद्ध करना, अपठित गद्यांश ।

SYLLABUS 2026-27

Cls 12 – COMMERCE STREAM

ENGLISH I (Eng. Lang.)

UNIT TEST 1: Proposal Writing, Grammar

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ENGLISH II (Eng. Lit.)

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COMMERCE

UNIT TEST I: Business Environment, Banking-Latest Trends, Marketing - Concept and Functions.

HALF YEARLY: Business environment, Capital – Fixed and working, Sources of Finance for a Joint Stock Company, Banking – Latest Trends, Marketing- Concepts and Functions, Marketing – Mix, Consumer Protection, Management -Meaning, Nature and importance, Principles of Management, Functions of Management and Coordination.

FINAL TERM: Planning, Organising, Staffing, Directing, Controlling, Syllabus of First term.

ACCOUNTS

UNIT TEST 1st

(1) Accounting for Partnership Firm – Fundamentals.

(2) Goodwill : Concept and Valuation.

FIRST TERM:

(1) Accounting for Partnership Firms – Fundamentals.

(2) Goodwill : Concept and Valuation

(3) Admission of a Partner.

(4) Retirement or Death of a Partner.

(5) Dissolution of Partnership Firm.

SECOND TERM:

(1) Company Accounts – Issue of Shares.

(2) Company Accounts – Issue of Debentures.

(3) Redemption of Debentures.

(4) Financial Statements of Companies.

(5) Financial Statement Analysis.

(6) Tools for Financial Analysis – Comparative Statements.

- (7) Common Size Statements.
- (8) Cash Flow Statement.
- (9) Ratio Analysis.
- (10) Syllabus of the first term.

ECONOMICS

UNIT I: Demand and Law of Demand, Theory of Consumer Behaviour.

HALY YEARLY: Demand and Law of Demand, Theory of Consumer Behaviour: Marginal Utility and Indifference curve analysis, Elasticity of Demand, Supply- Law of supply and Elasticity of supply, Market Mechanism: Equilibrium Price and Quantity in a competitive / Market, Laws of Return – Returns to a factor / Returns to Scale, Cost and Revenue Analysis, Forms of Market, Producer's Equilibrium, Determination of Equilibrium Price and output under Perfect Competition.

FINAL TERM : Theory of Income and Employment, Money Meaning And it's functions.

Commercial and Central Bank

Balance of Payments and Exchange rate.

Fiscal Policy, Government Budget, National Income and Circular Flow of Income.

Entire Syllabus of the Term One

Mathematics

Applied Mathematics

Unit Test 1

- 1) Matrices
- 2) Inverse Trigonometric Functions
- 3) Differentiation

Half yearly

- 1) Relation and Functions
- 2) Inverse Trigonometric Functions
- 3) Matrices
- 4) Determinants
- 5) Differentiation
- 6) Application of Derivatives
- 7) Integration
- 8) Application of Calculus in commerce and economics
- 9) Index number and Moving Averages

Final Exam

- 1) Differential Equations
- 2) probability
- 3) Linear Programming
- 4) Financial Mathematics

And all the chapters of Half yearly

Computer Science

Unit Test-1 : Boolean Algebra, Inheritance, String Tokenizer, Recursive Functions.

Half Yearly: *Entire Class 11th Computer Syllabus*, Boolean Algebra, Propositional Logic, Well-Formed Formulae, Truth Table, Equivalence Laws, Computer Hardware (Logic Gates, Universal Gates, Circuits, Half Adder, Full Adder, Encoder, Decoder, Multiplexer, De-Multiplexer), Boolean expressions to sum of products and product of sums forms, Karnaugh Maps (up to four variables), SOP and POS representation, Maxterms & Minterms, Canonical and Cardinal representation, reduction using Karnaugh maps and Boolean algebra.

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Fashion Designing

Unit Test-1:

1. Introduction to textile
2. Textile fibres

Half yearly-

1. Introduction to textile
2. Textile fibres
3. Yarns
4. Fabric construction techniques
5. Textiles in India

Practical-

1. Fibre identification
2. Basic weaves
3. Fabric swatches
4. Macrame
5. Tie and dye

Unit test 2- History of fashion in Europe: 1901-1950, History of fashion in Europe: 1961-till date.

Finals- History of fashion in Europe: 1901-1950, History of fashion in Europe: 1961-till date, Traditional costumes of women in India, Traditional costumes of men in India

Practical-

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FIRST UNIT

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HINDI

Class -XII

Syllabus-2026-27

UNIT Test-1:

गद्य- दासी

काव्य मंजरी- तुलसीदास के पद

व्याकरण - महावरे, वाक्यों को शुद्ध करना

HALF YEARLY EXAM:

गद्य -भक्तिन, दासी, संस्कृति क्या है?

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FINAL EXAM:

गद्य-1. क्या निराश हुआ जाए ?, मजबूरी

काव्य मंजरी - 2. जाग तुझको दूर जाना है 2. अंधेरे का दीपक

सारा आकाश उपन्यास

उत्तरार्ध - सबुह - अंक - 6, 7,8,9,10

व्याकरण-निबंध, कहानी, महावरे, वाक्यों को शुद्ध करना, अपठित गद्यांश ।