

ENGLISH LANGUAGE SYLLABUS BOOK- TOTAL ENGLISH

UNIT TEST- I

1. Functional Grammar
2. Email
3. Notice.

HALF YEARLY

Practice paper 1 to 7

PRELIMINARY EXAMINATION

Practice paper 8 to 15

CLASS X ENGLISH SYLLABUS

LITERATURE IN ENGLISH

UNIT TEST -I

1. **JULIUS CAESAR** – ACT III, sc. i.
2. **TREASURE CHEST-** The Elevator (Prose)
3. **TREASURE CHEST-** The Glove and the Lions. (Poem)

HALF YEARLY EXAMINATION

1. Julius Caesar – Acts III & IV (Drama)
2. When Great Trees Fall by Maya Angelou (Poetry)
3. Haunted Houses by H.W Longfellow (Poetry)
4. The Glove and the Lions by Leigh Hunt (Poetry)
5. With the Photographer by Stephen Leacock (Prose)
6. The Elevator by William Sleator (Prose)
7. The Girl Who Can by Ama Ata Aidoo (Prose)

PRELIMINARY EXAMINATION

1. Julius Caesar – Acts III, IV & V(Drama)
2. When Great Trees Fall by Maya Angelou (Poetry)
3. Haunted Houses by H.W Longfellow (Poetry)
4. The Glove and the Lions by Leigh Hunt (Poetry)
5. A Considerable Speck by Robert Frost (Poetry)
6. The Power of Music by Sukumar Ray(Poetry)
7. With the Photographer by Stephen Leacock (Prose)

8. The Elevator by William Sleator (Prose)
9. The Girl Who Can by Ama Ata Aidoo (Prose)
10. The Pedestrian by Ray Bradbury (Prose)
11. The Last Lesson by Alphonse Daudet (Prose)

Syllabus 2024-2025

Class- X

Bengali 2nd Lang.

Unit Test 1

ছোটগল্প:

নীল মানুষের কাহিনি 2+3=5

গন্ধটা খুব সন্দেহজনক 2+3=5

কবিতা: অমলকান্তি 2+3=5

ব্যাকরণ: i. বাক্যওবাচ্যপরিবর্তন 3

ii. বানানশুদ্ধিকরণ 2

Total : 20

Half yearly

ছোটগল্প: নীল মানুষের কাহিনি, গন্ধটা খুব সন্দেহজনক, লোকটি, নবম শ্রেণির সব।

কবিতা: অমলকান্তি, বাবুবলেন, খোখো, নবম শ্রেণির সব।

- Each question of literature part carries 10 marks, that is sub divided as (2+2+3+3)
- Total marks : 4×10= 40

ব্যাকরণ:

এককথায়প্রকাশ,সমোচ্চারিতভিন্নার্থকশব্দ,বানানশুদ্ধিকরণ,বাক্যওবাচ্যপরিবর্তন,একইশব্দেরভিন্নার্থকপ্র
যোগ,উপসর্গওপ্রত্যয়যোগেশব্দগঠন,ধ্বন্যলক্ষক শব্দ,
বাগধারা,পত্রলিখন,প্রবন্ধরচনা,ছেদওযতিচিহ্ন,সাধুওচলিতভাষার
ব্যবহার,বোধপরীক্ষণ,ছবিদেখেবর্ণনা,উক্তিপরিবর্তন,মৌলিকগল্পলিখন।

• প্রবন্ধ রচনা	15
• পত্রলিখন	7
• বোধপরীক্ষণ	10
• ব্যাকরণ	8

Total: 40 Marks
Grand Total: 40+40= 80 Marks

Unit Test- 2

ছোটগল্প: লোকটি	2+3=5
কবিতা: খো খো	2+3=5
বাবু বলেন	2+3=5
ব্যাকরণ: i. সাধু-চলিত ভাষা, ছেদ-যতি চিহ্নের ব্যবহার	2
ii. বাগধারা	3

	Total : 20

PRELIMINARY EXAMINATION

ছোটগল্প: selected all ICSE syllabus class IX & X

কবিতা: selected all ICSE syllabus class IX & X

- Each question of literature part carries 10 marks, that is sub divided as (2+2+3+3)
- Total marks : 4×10= 40

ব্যাকরণ : According to ICSE syllabus , marks division as same.

• প্রবন্ধরচনা	15
• পত্রলিখন	7

- বোধপরীক্ষণ 10
- ব্যাকরণ 8

Total : 40 Marks

Grand Total : 40+40= 80 Marks

(Bholanath Bishal)

Lopamudra Roy Chowdhury)

CLASS – X

MATHEMATICS SYLLABUS

BOOK - UNDERSTANDING ICSE MATHEMATICS – M L AGGARWAL

1ST UNIT TEST:-

1. Ch-1. Goods and Services Tax (GST)
2. Ch-2. Banking
3. Ch-4. Linear Inequations
4. Ch-21. Measures of Central Tendency

HALF YEARLY EXAMINATION:-

1. Ch-1. Goods and Services Tax (GST)
2. Ch-2. Banking
3. Ch-3. Shares and Dividends
4. Ch-4. Linear Inequations
5. Ch-5. Quadratic Equations in One Variable
6. Ch-6. Factorisation
7. Ch-7. Ratio and Proportion
8. Ch-8. Matrices
9. Ch-9. Arithmetic and Geometric Progressions
10. Ch-13. Similarity
11. Ch-14. Locus
12. Ch-21. Measures of Central Tendency

(All the chapters of 1st Unit Test are included in Half Yearly Examination.)

PRELIMINARY EXAMINATION:-

1. Ch-10. Reflection
2. Ch-11. Section Formula
3. Ch-12. Equation of a Straight Line
4. Ch-15. Circles
5. Ch-16. Constructions
6. Ch-17. Mensuration
7. Ch-18. Trigonometric Identities
8. Ch-19. Trigonometrical Tables

9. Ch-20. Heights and Distances
10. Ch-22. Probability

(All the chapters of 1st Unit Test and Half Yearly Exam are included in Preliminary Examination.)

CLASS X (PHYSICS) SYLLABUS (2024-25)

Book-I.C.S.E Concise Physics Class-X(Selina Publishers)

UNIT TEST 1:

1. Chapter- 1 Force

HALF-YEARLY EXAM :

1. Chapter- 1 Force
2. Chapter- 2 Work, Energy and Power
3. Chapter- 3 Machines
4. Chapter- 4 Reflection of Light at Plane Surfaces
5. Chapter- 5 Reflection Through a Lens
6. Chapter- 6 Spectrum
7. Chapter- 7 Sound
8. Chapter- 11 Calorimetry

PRELIMS-1:

1. Chapter- 1 Force
2. Chapter- 2 Work, Energy and Power
3. Chapter- 3 Machines
4. Chapter- 4 Reflection of Light at Plane Surfaces
5. Chapter- 5 Reflection Through a Lens
6. Chapter- 6 Spectrum
7. Chapter- 7 Sound
8. Chapter- 8 Current Electricity
9. Chapter- 9 Household Circuits
10. Chapter- 10 Electro-Magnetism
11. Chapter- 11 Calorimetry
12. Chapter- 12 Radioactivity

PRELIMS-2 :

1. Chapter- 1 Force
2. Chapter- 2 Work, Energy and Power
3. Chapter- 3 Machines
4. Chapter- 4 Reflection of Light at Plane Surfaces
5. Chapter- 5 Reflection Through a Lens
6. Chapter-6 Spectrum
7. Chapter- 7 Sound
8. Chapter- 8 Current Electricity
9. Chapter- 9 Household Circuits
10. Chapter- 10 Electro-Magnetism
11. Chapter- 11 Calorimetry
12. Chapter- 12 Radioactivity

CHEMISTRY SYLLABUS (2024-2025)

CLASS - X

SIMPLIFIED I. C. S. E. CHEMISTRY by Dr. Viraf J. Dalal

Unit-I

1. Chapter 1:- PERIODIC TABLE, PERIODIC PROPERTIES AND VARIATION OF PROPERTIES
 2. Chapter 2:- CHEMICAL BONDING
 3. Chapter 3:- A. ACIDS, BASES AND SALTS
- B. ANALYTICAL CHEMISTRY: USES OF AMMONIUM HYDROXIDE AND SODIUM HYDROXIDE

Half Yearly

1. Chapter 1:- PERIODIC TABLE
 2. Chapter 2:- CHEMICAL BONDING
 3. Chapter 3:- A. ACIDS, BASES AND SALTS
- B. ANALYTICAL CHEMISTRY: USES OF AMMONIUM HYDROXIDE AND SODIUM HYDROXIDE
4. Chapter 4:- MOLE CONCEPT AND STOICHIOMETRY
 5. Chapter 5:- ELECTROLYSIS
 6. Chapter 7:- STUDY OF COMPOUNDS: A. HYDROGEN CHLORIDE B. AMMONIA

PRELIMS

1. Chapter 6:- METALLURGY
2. Chapter7:- STUDY OF COMPOUNDS: C.NITRIC ACID D. SULPHURIC ACID
3. Chapter 8:- ORGANIC CHEMISTRY

[UT-I, HALF YEARLY SYLLABUS ARE ALSO INCLUDED IN PRELIM-I and II]

CLASS X (BIOLOGY) Syllabus (2024-2025)

BOOK- CONCISE BIOLOGY CLASS-X (SELINA)

UNIT TEST I:

1. Chapter-2:Structure of Chromosomes, Cell cycle and Cell division.
2. Chapter-3:Genetics
3. Chapter-4:Absorption by Roots – The Processes Involved.

HALF-YEARLY EXAM:

1. Chapter-2: Structure of Chromosomes, Cell cycle and Cell division.
2. Chapter-3:Genetics.
3. Chapter-4:Absorption by Roots – The Processes Involved.
4. Chapter-5:Transpiration.
5. Chapter-6:Photosynthesis.
6. Chapter-7:Chemical Coordination in Plants.
7. Chapter-8:The Circulatory System.
8. Chapter-9:The Excretory System.
9. Chapter-12:The Endocrine System.
- 10.Chapter-15 Population – The Increasing Numbers and Rising Problems.

PRELIMS I and II

1. Chapter-10:The nervous System.
2. Chapter-11:Sense Organs.
3. Chapter-13:The Reproductive System.
4. Chapter-14:Human Evolution.
5. Chapter-16:Pollution – A Rising Environmental Problems.

NOTE: All the chapters mentioned in the Half yearly Exam are also included in PRELIMS I and II (i.e. the entire ICSE Biology syllabus of Class X).

Syllabus of Class X **HISTORY & CIVICS** 2024-25

Unit Test I

History

1. Chapter 1; The First War of Independence ,1857

2. Chapter 2: Growth of Nationalism
3. Chapter 3: First phase of the Indian national movement.
4. Chapter 4: Second phase of the Indian national movement

Civics

5. Chapter 1: The Union Parliament

Half Yearly Examination

History

1. Chapter 5: The Muslim league
2. Chapter 10: The First World War
3. Chapter 11: Rise of Dictatorships
4. Chapter 12: The Second World War
5. Chapter 13: United Nations
6. Chapter 14: Major agencies of the United nations
7. Chapter 15: Non aligned movement

Civics

1. Chapter 2: The President and the Vice President
2. Chapter 3: Prime Minister and Council of Ministers

Unit Test I portion included

Pre Board Exam and Annual Examination

Whole Syllabus according to the ICSE council.

Reference Book: Total History & Civics 10 (Morning Star)

Syllabus 2024 2025

Subject- Geography

Class : X

Unit Test 1

1. Climate
2. Soil resources

Half- Yearly Exam

1. Soil resources
2. Natural vegetation
3. Climate
4. Water resources
5. Mineral resources
6. Conventional sources of energy
7. Non- conventional sources of energy
8. Agriculture I
9. Agriculture II
10. Transport

11. Toposheet
12. Map of India(As per ICSE syllabus)

Preliminary Exam

1. Agriculture III
2. Agriculture IV
3. Manufacturing Industries
4. Mineral-based Industries
5. Waste management I
6. Waste management II

Including the Half- Yearly syllabus as per ISCE.

Syllabus for the Session 2024-2025 **Computer Application** **Class X**

UNIT TEST 1

Ch-1 Revision of Class IX Syllabus

- | | |
|-----------|------------------------------|
| Unit III | Values and Data types |
| UNIT IV | Operators in Java |
| UNIT VIII | Iterative Constructs in Java |
| UNIT IX | Nested Loop |

HALF-YEARLY

Ch-1 Revision of Class IX Syllabus

Unit-i) Introduction to Object Oriented Programming

Unit-ii) Elementary concepts of objects and classes (Introduction to Class, Lexical issues, Creating class, Nested class, Structure of a program.)

Unit-iii) Values and Data Types

Unit-iv) Operators and expression in Java

Unit-v) Introduction to Java and Input in Java

Unit-vi) Mathematical Library Methods

Unit-vii) Conditional Statements in Java: Decision making; Introduction, selection statements, switch case, ternary operators.

Unit-viii) Iterative constructs in Java; Introduction, while, do while and for loop, Jumping statements, Difference between all the loops.

Unit-ix)Nested Loop

Ch-2) Using Library classes:

Introduction to libraries, Wrapper classes, Autoboxing and Unboxing in Wrapper classes, Class as composite type, implementation of Character class methods.

Ch-4) String handling:

Implementation of String class methods, Input through streams, Character and byte streams, reading character, defining buffer stream and input stream, Package, importing package.

CH-5) User – defined Methods :

Need of methods, syntax and form of methods, method definition, declaration and calling, method overloading.

Ch-7) Constructors:

Introduction, Defining constructor, Default, Parameterised and copy constructor, constructor overloading, difference between constructor and methods.

Preliminary Examination – Entire syllabus as per ICSE
