



**BOYS' HIGH SCHOOL AND COLLEGE, ALLAHABAD**  
**AS PER THE ISC REVISED SYLLABUS (2020 – 2021)**  
**CLASS – XI**

**1. ENGLISH LANGUAGE (Revised, July, 2020)**

**Note – For deleted topics please visit - [cisce.org](http://cisce.org)**

***Half Yearly:-***

1. Composition (Narrative, Descriptive, Reflective, Argumentative, Discursive and Short Story)
2. Directed Writing
  - a) Article Writing
  - b) Book Review
  - c) Film Review
  - d) Review of a Cultural Programme
  - e) Speech Writing
  - f) Newspaper Report
  - g) Magazine Report
3. Proposal
4. Unit 1 to 9
5. Language Skills

***Final Term:-***

1. Composition (Narrative, Descriptive, Reflective, Argumentative, Discursive and Short Story)
2. Directed Writing
  - a) Travel Brochure
  - b) Personal Profile
3. Proposal Writing
4. Unit 10 to 15
5. Language Skills

**Note : Final Examination will include the entire syllabus.**

**2. ENGLISH LITERATURE (Revised, July, 2020)**

**Note – For deleted topics please visit - [cisce.org](http://cisce.org)**

***Half Yearly:-***

1. ECHOES
  - a) Salvatore – W. S. Maugham
  - b) Fritz – Satyajit Ray
2. REVERIE
  - a) The spider and the Fly – M. B. Howitt
  - b) Gift of India – Sarojini Naidu
  - c) The Dolphins – Carol Anne Duffy
3. THE TEMPEST
  - a) Act I Scene 1
  - b) Act I Scene 2
  - c) Act II Scene 1

***Final Term :-***

**ECHOES**

- a) Quality – John Galsworthy
- b) The Chinese Statue – Jeffrey Archer

**REVERIE**

- a) John Brown – Bob Dylan

**THE TEMPEST**

- a) Act II Scene 2
- b) Act III Scene 1
- c) Act III Scene 2
- d) Act III Scene 3

**PROSE**

Question: In William Somerset Maugham's story 'Salvatore', what makes the eponymous character, "an ordinary fisherman," extraordinary?

**Instructions:**

- The word limit for this project is 1000 to 1500 words.
- The project must be written in an interleaf register.
- Use only black and blue ink for the project.
- The project must include an index, a note of acknowledgement, the answer to the above question, and your list of references.

**\* REVISION OF THE ENTIRE SYLLABUS**

**\* PROJECT WORK WILL BE ASSIGNED**

**Note : Final Examination will include the entire syllabus.**

**3. PHYSICS (Revised, July, 2020)**

**Note – For deleted topics please visit - [cisce.org](http://cisce.org)**

***Half Yearly***

1. Units and Measurements. Systems of Units. Fundamental and derived units.
2. Significant Figures.
3. Dimensions. Dimensional formulae of physical quantities and constants. Dimensional analysis and its applications.
4. Scalars and vectors. General vectors. Addition and subtraction of vectors. Scalar and vector product of vectors.
5. Motion in a Plane. Projectile Motion.
6. Relative velocity.
7. Newton's Laws of Motion. Concept Motion.
8. Friction. Static and kinetic friction.
9. Concurrent forces and equilibrium.
10. Work, Power and Energy. Conservation of linear momentum.
11. Collisions.
12. Motion of a system of particles. Centre of mass. Rotation of a rigid body.
13. Uniform Circular Motion.
14. Gravitation.

***Practicals***

***Final Term :-***

All topics of Half Yearly are included.

1. Elasticity
2. Viscosity and properties.
3. Surface tension.
4. Heat transfer – conduction, convection and radiation.
5. Thermodynamics – Zeroth law, first law and second law of thermodynamics.
6. Kinetic theory of gases.
7. Simple harmonic motion.
8. Waves.
9. Superposition of waves.

10. Interference and Beats.

*Practical classes will be conducted as and when possible.*

**Note : Final Examination will include the entire syllabus**

#### **4. CHEMISTRY (Revised, July, 2020)**

**Note – For deleted topics please visit - [cisce.org](http://cisce.org)**

**Half Yearly :-**

1. Some Basic Concepts of Chemistry
2. Structure of Atom
3. Organic Chemistry : Some basic Principles and Techniques
4. Classification of Elements and Periodicity in Properties
5. Chemical Bonding and Molecular Structure
6. Redox Reactions
7. Hydrocarbons

**Practicals**

**Final Term :-**

8. States of Matter : Gases and Liquids
9. Chemical Thermodynamics
10. Hydrogen
11. S – Block Elements
12. Equilibrium
13. Some p – Block Elements
14. Environmental Chemistry

**Practicals**

**Note : Final Examination will include the entire syllabus.**

#### **5. BIOLOGY (Revised, July, 2020)**

**Note – For deleted topics please visit - [cisce.org](http://cisce.org)**

**Half Yearly:-**

1. The living world
2. Biological classification
3. Kingdom Monera
4. Kingdom Protista
5. Kingdom Plantae
6. Kingdom Animalia
7. Morphology of flower
8. Plant tissues
9. Cell – unit of life
10. Biomolecules
11. Cell cycle
12. Transport in plants
13. Mineral nutrition
14. Digestion and absorption
15. Breathing and exchange of gases

**Final Term :-**

16. Photosynthesis in higher plants
17. Respiration in plants
18. Plant growth and development
19. Circulation and body fluids
20. Excretion and Elimination
21. Locomotion and movement
22. Neural control and Coordination
23. Chemical coordination and integration

#### **6. MATHEMATICS (Revised, July, 2020)**

**Note – For deleted topics please visit - [cisce.org](http://cisce.org)**

**Half Yearly:-**

1. Finite and Infinite Sequence
2. Quadratic Equations
3. Trigonometry Function
4. Compound and Multiple Angles
5. Mathematical Induction
6. Binominal Theorem
7. Limits and Derivatives
8. Basic Coordinate and Straight Line
9. Measure Central Tendency
10. Measure of Dispersion

**Section – B**

11. Conic Section

**Section – C**

12. Statistics
13. Correlation

**Final Term :-**

14. Linear Inequality with Quadratic Equation
15. Sets and Functions
16. Circle
17. Complex Number
18. Permutation and Combination
19. Probability

**Section – B**

20. Introduction of Three Dimension

21. Mathematical Reasoning

**Section – C**

22. Index Number and Moving Average

**Note : Final Examination will include the entire syllabus.**

#### **7. HINDI (Revised, July, 2020)**

**Note – For deleted topics please visit - [cisce.org](http://cisce.org)**

**Half Yearly:-**

Language –

1. Composition of 400 words
2. Comprehension
3. Correction of sentences
4. Use of idioms and their meaning

Literature –

Kavya Manjari - 1. Sakhi

2. Bal Leela

3. Ek Phool Ki Chah

Gadhya Sanklan – 1. Putra Prem

2. Gauri

3. Sharanagat

Aashad Ka Ek Din (Drama) – Part One (Page 1 to 49)

**Final Term :-**

Language –

1. Composition of 400 words
2. Comprehension
3. Correction of sentences
4. Use of idioms and their meanings

Literature –

Kavya Manjari – 4. Aah Dharati Kitna Deti hai

5. Nadi Ka Dweep

Gadhya Sanklan - 4. Sati

5. Outsider

Aashad Ka Ek Din – Part two (Pg. No. 50 to 86)

**Note : Final Examination will include the entire syllabus.**

### **8. ECONOMICS :- (Revised, July, 2020)**

**Note – For deleted topics please visit - [cisce.org](http://cisce.org)**

#### **Half Yearly:-**

1 : Definition of Economics

- Adam Smith
- Marshall
- Lionel Robbins
- Samuelson

2 : Basic Concepts of Economics

- Utility
- Price
- Value
- Wealth
- Welfare
- Market
- Investment
- Capital
- Aggregate demand and aggregate supply
- Business cycle
- Production and consumption
- Welfare

3 : Basic Problems of an Economy

- How to produce?
- What to produce?
- For whom to produce?

4 : Production possibility curve and technology

5 : Types of Economics

- Capitalism
- Socialism
- Mixed Economy
- Developing and developed economy

6 : Parameters of development and growth.

- Only HDI

#### **Final Term :-**

1 : Structural Changes in the Indian Economy  
After Liberalisation

2 : Poverty

3 : Unemployment

4 : Human capital formation

5 : Sustainable development

Statistics : 1. Central tendency

- Mean , median and mode
- Weighted mean

2. Correlation

3. Index number

**Note : Final Examination will include the entire syllabus.**

### **9. ACCOUNTS:- (Revised, July, 2020)**

**Note – For deleted topics please visit - [cisce.org](http://cisce.org)**

#### **Half Yearly:-**

1. Basic Accounting Terms
2. Meaning & Objectives Accounting
3. Double Entry System & Accounting Equation
4. Generally Accepted Accounting Principles (GAAP)
5. Bases of Accounting
6. Books of Original Entry - Journal
7. Accounting for Goods and Services Tax (GST)
8. Ledger
9. Trial Balance
10. Cash book
11. Subsidiary Books (Including Journal Proper)

#### **Project No. 1**

#### **Final Term :-**

1. Bank Reconciliation Statement
  2. Depreciation
  3. Bills of Exchange
  4. Accounting Standards and International Financial Reporting Standards (IFRS)
  5. Capital and Revenue Transactions
  6. Provision and Reserves
  7. Final Accounts – I
  8. Final Accounts – II (Adjustments)
  9. Errors and their Rectifications. **Project No. 2**
- Note : Final Examination will include the entire syllabus.**

### **10. COMMERCE (Revised, July, 2020)**

**Note – For deleted topics please visit - [cisce.org](http://cisce.org)**

#### **Half Yearly:-**

1. Classification of Human Activities
2. Nature and objectives of Business
3. Classification of Business Activities
4. Introduction to Business Organisation
5. World Trade Organisation
6. Sole Proprietorship
7. Partnership
8. Joint Stock Company
9. Formation of a company
10. Cooperative Organisation

#### **(Project 1)**

#### **Final Term :-**

1. Public Enterprise
2. E – Business and Outsourcing
3. Stock Exchange
4. Wholesale Trade
5. Social Responsibility of Business
6. Retail Trade
7. Home Trade
8. Foreign Trade
9. Import and Export Trade
10. Business Risk and Insurance
11. Types of Insurance

#### **(Project 2)**

**Note : Final Examination will include the entire syllabus.**

## 11. PHYSICAL EDUCATION (Revised, July, 2020)

**Note – For deleted topics please visit - [cisce.org](http://cisce.org)**

### *Half Yearly:-*

1. Concept of Physical Education
  - Meaning of physical education, its aims and objectives
  - Importance of physical education
  - Misconceptions about physical education and the relevance of physical education in the inter disciplinary context.
  - Meaning and concept of ‘Games and sports’
2. Individual aspects and group dynamics
  - Interest and attitude
  - Motivation
3. Effect of Physical Exercises on human body systems
  - Skeletal and muscular system
  - Respiratory system
  - Circulatory system
  - Effect of exercise and benefits of regular training on the above systems
4. Nutrition, weight control and exercise
  - Nutrition basics
  - Balanced diet and role of balance diet in performance
  - Obesity and weight control

### **Section B**

- **FOOTBALL**
  - ❖ Specification and dimension of football field
  - ❖ Duties of referees and assistant referees
- **VOLLEYBALL**
  - ❖ Specification and dimension of Volleyball court
  - ❖ Duties of coach and substitution of players

### *Final Term :-*

1. **Concept of Physical Education**
  - Meaning of physical education, its aims and objectives
  - Importance of physical education
  - Misconceptions about physical education and the relevance of physical education in the inter disciplinary context
  - Meaning and concept of ‘Games and sports’
2. **Individual aspects and group dynamics**
  - Interest and attitude
  - Motivation
3. **Effects of physical exercise on human body systems**
  - Skeletal and muscular system
  - Respiratory system
  - Circulatory system
  - Effect of exercise and benefits of regular training on the above systems

## 4. **Nutrition, weight control and exercise**

- Nutrition basics
- Balanced diet and role of balance diet in performance
- Obesity and weight control

## 5. **Physical fitness and wellness**

- Physique, Physical fitness and wellness
- Components of physical fitness and wellness
- Factors affecting physical fitness and wellness
- Tests and measurements in sports

## 6. **Games and sports**

- History of modern Olympics
- Asian games

### • **FOOTBALL**

- ❖ Specification and dimensions of football field
- ❖ Duties of referees and assistant referees
- ❖ 17 laws of the game

### • **VOLLEYBALL**

- ❖ Specifications and dimensions of volleyball court
- ❖ Duties of coach, captain and substitution of players
- ❖ Laws and suspensions
- ❖ Basic skills and technique
- ❖ Duties of officials, table officials and referees.

**Note : Final Examination will include the entire syllabus**

## 12. COMPUTER SCIENCE (Revised, July, 2020)

**Note – For deleted topics please visit - [cisce.org](http://cisce.org)**

### *Half Yearly:-*

Basic Computer Hardware & Software

1. Numbers:  
Representation of numbers in different bases & their interconversion

- Decimal
- Binary
- Octal
- Hexadecimal
- Addition and subtraction operations for numbers in different bases.

[ For addition and subtraction (1’s complement and 2’s complement ) use the analogy with decimal numbers, emphasize how carry works.]

2. OOPS Concepts
3. Introduction of Java Fundamentals
4. Flow of Control (Statements, Scope)
5. Classes in Java
6. Functions (Methods & Con)
7. Using Library Classes
8. Errors & Class Exception
9. Arrays
10. Single & Double Dim Programming
11. Recursion
12. Programming on the above topics

Programming  
Concept

**Final Term :-**

13. Basic input/output Data File Handling

- Binary
- Date File Handling – Input Stream, Output Stream and Byte stream

14. Programming logic & Hardware implementation

Propositional Logic

- a. Binary Valued quantities
- b. Logical Connectives
- c. Well –formed formula (wff)
- d. Truth Tables
- e. Basic theorems of Boolean Algebra
- f. Principle of Duality

Logic Gates and their use in circuits

- Primary Gates
- Secondary Gates
- Half Adder
- Full Adder

15. Computing & Ethics

Revision of Half Yearly & Programming Concepts

PROGRAMMING ASSIGNMENTS DONE

THROUGHOUT THE YEAR

PROJECT WORK (Console application using Java on the given in the Syllabus)

**Note : Final Examination will include the entire syllabus**

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