

HOLY CROSS SCHOOL, MONDALAI
SYLLABUS (2023-2024)

CLASS - XI

ENGLISH - I

UNIT TEST - I

Functional Grammar

HALF YEARLY

1. Composition
2. Directed Writing
3. Proposal Writing
4. Grammar
5. comprehension

UNIT TEST - II

Proposal Writing

Functional Grammar

ANNUAL EXAMINATION

1. Composition
2. Directed Writing
3. Proposal Writing
4. Grammar
5. Comprehension

ENGLISH - II

Book :- Macbeth; Prism and Rhapsody : ISC Collection of Short Stories & Poems

UNIT TEST - I

- Macbeth Act 1 Scene 1 (Drama)
- A Living God (Prose)
- Ypagupta

HALF YEARLY EXAMINATION

Drama : Macbeth

Act 1

Prose : 1. A Living God

2. Advice to Youth

3. The Great Automatics Grammatizator

Poetry : 1. Upagupta

2. Why I Like the Hospital

3. Sonnet 116

UNIT TEST - II

Macbeth Act 2 Scene 1 (Drama)

Strange Meeting (Poem)

Thank you Ma'am (Prose)

ANNUAL EXAMINATION

Drama : Macbeth

Act 1 & Act 2

Prose : 1. A Living God

2. Advice to Youth

3. The Paper Managerie

4. The Great Automatic Grammatizator

5. Thank you Ma'am

Poetry : 1. Upagupta

2. Why I Like the Hospital

3. Sonnet 116

4. Death of a Naturalist

5. Strange Meeting

MATHEMATICS

Book :- ISC Mathematics Vol I & II

UNITTEST - I

Chapters:

1. Sets

2. Relations & Functions

3. Trigonometry

HALF YEARLY EXAMINATION

Chapters:

1. Sets

2. Relations & Functions

3. Trigonometry

6. Quadratic Equations

5. Complex Numbers

11. Straight lines

12. Circles

14. Statistics

16. Conic Sections [section B]

19. Statistics [Section C]

UNIT TEST - II

Chapters:

6. Principle Of Mathematical Inductions

7. Linear & Quadratic Inequalities

8. Permutations and Combinations

13. Limits and Derivatives

ANNUAL EXAMINATION

Chapters:

6. Principle Of Mathematical Inductions

7. Linear & Quadratic Inequalities

8. Permutations and Combinations

9. Binomial Theorem

10. Sequences & Series

13. Limits & Derivatives

15. Probability

17. Introduction to 3D Geometry

18. Mathematical Reasoning } Section - B

20. Correlation Analysis

21. Index No.s & Moving Averages } Section - C

Note: All the Chapters of Half yearly Exam are included in the Annual Exam

CHEMISTRY

Book :- Nootan ISC Physics Vol. I

UNIT TEST – I

1. Some basic concepts of Chemistry
2. Organic Chemistry :
 - a) IUPAC Nomenclature
 - b) ISOMERISM
3. HYDROGEN

HALF YEARLY EXAMINATION

1. Some Basic Concepts of Chemistry
2. Atomic Structure
3. Hydrogen
4. s Block Elements (Alkali and Alkaline Earth Metals)
5. Organic Chemistry – Some Basic Principles and Techniques

UNIT TEST – II

1. The Periodic Table
2. Redox
3. Chemical Bonding

ANNUAL EXAMINATION

1. States of Matter
2. Equilibrium
3. Chemical Thermodynamics
4. Some P-Block Elements
5. Hydrocarbons

[UT1, HALF-YEARLY, UT2 syllabus are also included in Annual Examination]

PHYSICS

Book :- Nootan ISC Physics Vol. I

UNIT TEST – I

- Unit 1: Physical World and Measurement
 1. Physical world
 2. Units and Measurement
 3. Dimensional Analysis
 4. Motion in a Straight Line
 5. Motion in a Plane

HALF YEARLY EXAMINATION

- Unit 1: Physical World and Measurement
 1. Physical world
 2. Units and Measurement
 3. Dimensional Analysis
- Unit 2: Kinematics
 4. Motion in a Straight Line
 5. Motion in a Plane
- Unit 3: Laws of Motion
 6. Newton's Laws of Motion
 7. Friction
 8. Uniform Circular Motion

- Unit 6: Gravitation
12. Gravitation: Planets and Satellites
- Unit 7: Properties of Matter
13. Elasticity
14. Fluid Pressure
15. Flow of Liquids
16. Surface Tension
- Unit 10: Oscillations and Waves
23. Simple Harmonic Motion
24. Free, Damped and Forced Oscillations

UNIT TEST – II

- Unit 4: Work, Energy and Power
9. Work, Energy and Power
- Unit 5: Motion of System of Particles and Rigid Body
10. Centre of Mass
11. Rotational Motion of a Rigid Body: Moment of Inertia

ANNUAL EXAMINATION

- Unit 1: Physical World and Measurement
1. Physical world
2. Units and Measurement
3. Dimensional Analysis
- Unit 2: Kinematics
4. Motion in a Straight Line
5. Motion in a Plane
- Unit 3: Laws of Motion
6. Newton's Laws of Motion
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- Unit 4: Work, Energy and Power
9. Work, Energy and Power
- Unit 5: Motion of System of Particles and Rigid Body
10. Centre of Mass
11. Rotational Motion of a Rigid Body: Moment of Inertia
- Unit 6: Gravitation
12. Gravitation: Planets and Satellites
- Unit 7: Properties of Matter
13. Elasticity
14. Fluid Pressure
15. Flow of Liquids
16. Surface Tension
- Unit 8: Heat and Thermodynamics
17. Thermal Properties of Matter
18. Heat Transfer
19. Thermodynamics
20. Isothermal and Adiabatic Processes
21. Heat Engine: Second Law of Thermodynamics
- Unit 9: Behaviour of Perfect Gas and Kinetic Theory of Gases
22. Behaviour of Perfect Gas and Kinetic Theory of Gases

- Unit 10: Oscillations and Waves
 - 23. Simple Harmonic Motion
 - 24. Free, Damped and Forced Oscillations
 - 25. Waves
 - 26. Wave Motion
 - 27. Superposition of Waves 1: Interference and Beats
 - 28. Superposition of Waves 2: Stationary (Standing) Waves: Vibration of Air Columns
 - 29. Vibrations of Stretched Strings
 - 30. Doppler Effect

BIOLOGY

Book :- Srijan Biology for ISC

UNIT TEST - I

1. Animal Kingdom.
2. The living world.

HALF YEARLY EXAMINATION

Unit 1:

- (i) The living world.
- (ii) Biological classification.
 - (a) Five kingdom classification.
 - (b) Kingdom Monera.
 - (c) Kingdom Protista.
 - (d) Kingdom Fungi.
 - (e) Virus.
- (iii) **Plant kingdom:**
 - (a) Algae.
 - (b) Bryophyta.
 - (c) Pteridophyta.
 - (d) Gymnosperm.
 - (e) Angiosperms.
 - (f) Comparison of life cycle patterns of different plant groups (haplontic, diplontic and haplo-diplontic).
- (iv) Animal kingdom.

(2) Unit II:

- (i) Morphology of flowering plants.
- (ii) Anatomy of flowering plants.

(3) Unit III:

- (i) Cell : the unit of life.

(4) Unit IV:

- (i) Mineral Nutrition.
- (ii) Respiration in plants.

(5) Unit V:

- (i) Chemical co-ordination and Integration.
- (ii) Excretory products and their elimination.

UNIT TEST - II

1. Digestion and Absorption.
2. Body fluids and Circulations.
3. Biomolecules.
4. Cell cycle and cell division.

ANNUAL EXAMINATION

Unit II:

- (i) Animal tissue.

Unit III: Cell – Structure and function.

- (i) Biomolecules.
- (ii) Cell cycle and cell division.

Unit IV: (Plant physiology)

- (ii) Transport in plants.
- (iii) Photosynthesis in higher plants.
- (iv) Plant growth and Development.

Unit V: (Human Physiology):

- (a) Digestion and Absorption.
- (b) Breathing and exchange of gases.
- (c) Body fluids and circulation.
- (d) Locomotion and Movement.
- (e) Neural control and coordination.

Note: All the Chapters mentioned in the Half yearly exam are also included in Annual Exam (i.e. the entire ISC Biology Syllabus of class XI).

HISTORY

Book :- ISC History

UNIT TEST – I

1. Growth of Nationalism
2. Impact of the second phase of industrialization in Europe during the late 19th and early 20th century.
3. Emergence of the colonial economy

HALF YEARLY EXAMINATION

1. Growth of Nationalism
2. Emergence of the colonial economy.
3. Social and religious movement
4. Protest movement

WORLD HISTORY

1. Impact of the second phase of industrialization in Europe during the late 19th and early 20th century
2. World War 1..(causes, events, peace settlement, major changes in warfare and strategy.
3. Peace settlements after the world War and league of nations
4. The Great Depression
5. Rise of Communism. Russia

UNIT TEST - II

1. Gandhian Nationalism (1916-1922)
2. Rise of Facism : Italy

ANNUAL EXAMINATION

1. Rise of Nazism: Germany
2. Rise of Militarism: Japan
3. Gandhian Nationalism (1927- 1934)

(Note : Whole unit test, half yearly portions will be in the Annual Examination)

POLITICAL SCIENCE

UNIT TEST - I

1. Introduction to Political Science
2. Fundamental Concepts.

Sec B

1. International Relations.
2. End of cold war (upto main factors)

HALF YEARLY EXAMINATION

3. The origin of the state.
4. Political ideologies.
5. Sovereignty.

Sec B

2. Cold war : Impact on world order.
3. Disintegration of the soviet Union.
(Including 1st unit test syllabus)

UNIT TEST - II

6. Law
7. Unipolar world :Us Unilateralism.

ANNUAL EXAMINATION

7. Liberty
8. Equality.
9. Justice

Sec B

10. Regional Cooperation : ASEAN& European Union.
11. Non- Alignment and the Non- Aligned Movement.

(Including the 2nd unit test portion)

SOCIOLOGY

UNIT TEST – I

Chapter 1.

- Emergence of Sociology and Anthropology as Disciplines
- Classical Thinkers and Theories
 - Auguste Comte – Positivism.
 - Herbert Spencer – The Theory of Evolution.

HALF YEARLY EXAMINATION

Chapter 1. Origin and Development of Society and Anthropology

Chapter 2. Research Methodology

Chapter 3. Basic Concepts

UNIT TEST – II

Chapter 4. Social Structure

ANNUAL EXAMINATION

Full book

MORAL SCIENCE

Book :- HEART AND MIND – XI

HALF YRALY

Chapter 1 : The Unruly Guests

Chapter 2 : Adolescence

Chapter 3 : True Happiness

Chapter 4 : Smoking Kills

Chapter 5 : A Grave Problem

Chapter 6 : People with Special Needs

ANNUAL EXAMINATION

Chapter 8 : The Mystery of Procreation

Chapter 9 : Social Networking Sites

Chapter 10 : A Necessary of Evil

Chapter 11 : Swachh Bharat Abhiyan

Chapter 12 : Gems of India

Chapter 13 : Global Icons

BENGALI

Unit test i

গদ্য: ঠাকুরদা।

পদ্য: ওরাকাজকরে।

5

5

কোনি: প্রথমঅধ্যায়।	5
ব্যাকরণ: ১) বাগধারা।	2
২) অশুদ্ধিসংশোধন।	3

Total : 20

Half-yearly

Literature: Total marks 40

(4 questions will be selected from 3 books. Each part contains 3 questions, that will be sub divided as 1+2+2+5)

গদ্য: ঠাকুরদা, জোড়াসাঁকোরধারে, তাসেরঘর, অনাচার।
পদ্য: ওরাকাজকরে, পূব-পশ্চিম, বনলতাসেন, বর্ণপরিচয়।

কোনি: অধ্যায়২-৫

Language: Total marks 40

ব্যাকরণ: 10

(বাক্য ,বাচ্যওউক্তিপরিবর্তন, সমার্থকশব্দ, প্রায়সমোচ্চারিতভিন্নার্থকশব্দ, এককথায়প্রকাশ, ছেদওযতি, বাক্যওবানানসংশোধন।)

রচনা :	15
বোধপরীক্ষণ:	15

Total : 40

Grand Total : (Literature)40+(Language) 40+(project)20=80

Unit Test 2

গদ্য: রেকর্ড।	5
পদ্য: সালামেনেরমা।	5
কোনি: ষষ্ঠঅধ্যায়।	5
ব্যাকরণ: ১)বাক্যওবাচ্যপরিবর্তন।	2
২) প্রায়সমোচ্চারিতভিন্নার্থকশব্দ।	3

Total : 20

Annual

Literature: Total marks 40

(4 questions will be selected from 3 books. Each part contains 3 questions,that will be sub divided as 1+2+2+5)

গদ্য : জোড়াসাঁকোরধারে, তাসেরঘর, অনাচার, রেকর্ড, বীর্যশুদ্ধা, আদাব।

পদ্য: পূব-পশ্চিম, বর্ণপরিচয়, সালামেনেরমা, বাবরেরপ্রার্থনা, যদিনির্বাসনদাও।

কোনি: অধ্যায়১-৮

Language: Total marks 40

ব্যাকরণ (same as half-yearly) : 10

রচনা :	15
বোধপরীক্ষণ:	15

Total 40

Grand Total :(Literature)40+ (Language)40+(Project)20=80
