

**METHODIST HIGH SCHOOL**  
**(I.S.C.BOARD)**

**SYLLABUS**  
**2024-2025**  
**CLASS-XI-A/B/C/D/E**

**ENGLISH LANGUAGE**

<u>TERM-1</u>	<u>TERM-2</u>
<p><b>Book – Total English</b></p> <ul style="list-style-type: none"> <li>• Specimen Papers - 1, 2, 3, 4, 5, 6,7, 8</li> <li>• <b>Directed Writing:</b> Newspaper Report writing, Book Review, Speech Writing</li> <li>• Proposal Writing</li> <li>• <b>Grammar:</b> Transformation of Sentences, Preposition &amp; Tenses</li> <li>• Comprehension</li> </ul> <p><b>Unit 1 : Directed Writing – Book Review Proposal Writing Grammar - Prepositions</b></p> <p><b>(First Term Examination)</b></p>	<p><b>Book – Total English</b></p> <ul style="list-style-type: none"> <li>• Specimen Papers – 9, 10, 11, 12, 13, 14, 15</li> <li>• <b>Directed Writing:</b> Article writing, Statement of Purpose</li> <li>• Proposal Writing</li> <li>• <b>Grammar:</b> Transformation of Sentences, Preposition &amp; Tenses</li> <li>• Comprehension</li> </ul> <p><b>Unit 2: Directed Writing : Statement of Purpose Grammar: Transformation of Sentences Tenses</b></p> <p><b><u>PROJECT WORK:</u> Listening and Speaking Skills</b></p> <p><b>( Final Examination)</b></p>

**ENGLISH LITERATURE**

<u>TERM-1</u>	<u>TERM-2</u>
<p><b>DRAMA - Shakespeare: Macbeth – William Shakespeare</b></p> <ul style="list-style-type: none"> <li>• Act I Sc. 1,2,3,4,5,6,7</li> <li>• Act II Sc. 1</li> </ul> <p><b>PRISM – A Collection of ISC Short Stories</b></p> <ul style="list-style-type: none"> <li>• A Living God</li> <li>• Advice to Youth</li> <li>• The Paper Menagerie</li> </ul> <p><b>RHAPSODY – A Collection of ISC Poems</b></p> <ul style="list-style-type: none"> <li>• Abhisara : The Tryst</li> <li>• Why I Liked the Hospital</li> <li>• Sonnet 116</li> </ul> <p><b>UNIT 1 – PRISM: A Living God</b></p> <p><b>RHAPSODY: Abhisara: The Tryst</b></p> <p><b>(First Term Examination)</b></p>	<p><b>DRAMA - Shakespeare: Macbeth – William Shakespeare</b></p> <ul style="list-style-type: none"> <li>• Act II : Sc. 2,3,4</li> </ul> <p><b>PRISM – A Collection of ISC Short Stories</b></p> <ul style="list-style-type: none"> <li>• The Great Automatic Grammatizator</li> <li>• Thank You, Ma'am</li> </ul> <p><b>RHAPSODY – A Collection of ISC Poems</b></p> <ul style="list-style-type: none"> <li>• Death of a Naturalist</li> <li>• Strange Meeting</li> </ul> <p><b>UNIT 2 – PRISM: The Great Automatic Grammatizator RHAPSODY: Death of a Naturalist</b></p> <p><b>(Final Term Examination)</b></p>



**ACCOUNTS**

<u>TERM-1</u>	<u>TERM-2</u>
<p>1. Introduction to Accounting (i) Evolution of accounting: (ii) Basic Terms: (iii) Accounting equation: (iv) Meaning and definition of Book-keeping, (v) Users of accounting information. (vi) Subfields of accounting: .</p> <p>2. Journal, Ledger and Trial Balance (i) Journal: (ii) Ledger: (iii) Sub-division of journal - (a) Cash (b) Petty cash book (c) Sales day book, purchases day (d) Sales return day book, purchases return day book- (e) Journal proper. (f) Mechanics of posting from special subsidiary books. (iv) Trial Balance.</p> <p>4. Depreciation 5. Bills of Exchange 6. Accounting Concepts Unit 1 1. Meaning, scope, objectives and nature of accounting 2. Accounting equation 3. Double entry system 4. Journal</p> <p>Half yearly exam All chapters of Term 1</p>	<p>7. Final Accounts and Concept of Trading, Profit and Loss account and Balance Sheet (i) Capital and Revenue (ii) Provisions and Reserves. (iii) Trading, Profit and Loss Account and Balance Sheet of a sole trader (iv) Preparation of Trading Account, Profit and Loss Account and Balance Sheet with necessary adjustments.</p> <p>8. Rectification of Errors Final exam All chapters of Term 1 and Term 2</p>

**COMMERCE**

<u>TERM-1</u>	<u>TERM-2</u>
<p>1. Nature and Purpose of Business 2. Forms of Business Organisations 3. Social Responsibility of Business and Business Ethics 4. Emerging Modes of Business 5. Stock Exchange 6. Trade</p>	<p>7. Foreign Trade 8. Insurance Revision of Term 1 and Term 2</p>

**MATHS**

**Books- UNDERSTANDING ISC MATHEMATICS BY M L AGARWAL VOLUME 1,2 for class XI**

TERM 1	TERM 2
1.Sets-chap 1	1.Statistics-chap 14
2.Relations and Functions-chap 2	2. Probability-chap 15
3.Trigonometry-chap 3	3.Conic Sections (section B)-chap 1 4.Introduction to Three Dimensional Geometry(section B)-chap 2 5. Mathematical Reasoning(section B)-Chapter3
4.Principle of Mathematical Induction-chap 4	
5.Complex Numbers –chap 5	
6. Quadratic Equations-chap 6	
7. Linear Inequalities-chap 7	
8.Permutation and Combinations-chap 8	
9.Binomial Theorem-chap 9	
10.Sequences and Series-chap 10	OR
11. Straight Lines-chap 11	3.Statistics (section C)-chap 1
12.Circles-chap 12	4.Correlation Analysis (section C)-chap 2
13.Limits and Derivatives-chap 13	5. Index numbers and Moving Average (section C)-Chap-3

**BIOLOGY**

**Prescribed Book: ISC Biology (Balaji Publishers) by H.C.Tripathi**

There will be two papers in the subject. **Paper I : Theory** : 3 hours : [70]

**Paper II : Practical** : 3 hours : [15]; Project Work : [10]; Practical File : [5]

<u>Term I</u>	<u>Term 2</u>
1) The Living World	1) Photosynthesis in Higher Plants
2) Biological Classification (Monera, Protista, Fungi, Plantae and Animalia, Lichens, Viruses and Viroids)	2) Respiration in Plants
3) Plant Kingdom (Algae, Bryophyta, Pteridophyta, Gymnosperms, Angiosperms)	3) Plant Growth and Development
4) Animal Kingdom	4) Digestion and Absorption
5) Morphology of Flowering Plants	5) Breathing and exchange of gases
6) Anatomy of Flowering Plants	6) Body fluids and circulation
7) Animal Tissues and Morphology and Anatomy of Cockroach	7) Excretory products and their elimination
8) Cell : The Unit of Life	8) Locomotion and Movement
9) Biomolecules	9) Neural Control and Coordination
10) Cell Cycle and Cell Division	10) Chemical Co-ordination and Integration
11) Transport in Plants	

**CHEMISTRY**

<b><u>TERM-1</u></b>	<b><u>TERM-2</u></b>
1. Some Basic concepts of chemistry 2. Redox 3. Structure of atom 4. Classification of elements and periodicity in properties 5. chemical bonding and molecular structure (part-1)	6. chemical bonding and molecular structure (part-2) 7. Organic Chemistry: Some basic principles 8. Hydrocarbons 9. Equilibrium 10. Chemical thermodynamics ➤ <b>FULL SSYLLABUS WILL COME IN THE FINAL EXAM</b>

**PHYSICS**

<b><u>TERM-1</u></b>	<b><u>TERM-2</u></b>
1. Units: Fundamental and Derived units & Significant figures. 2. Dimensional Analysis. 3. Vectors 4. Motion in Two Dimensions (Projectile Motion) 5. Forces and Friction 6. Work, Power and Energy 7. Uniform Circular Motion 8. Gravitation: Planets and Satellites 9. Center of Mass and Rotational Motion	1. Elasticity 2. Flow of fluids and Motion in Fluids (Viscosity) 3. Surface Tension 4. Heat Transfer (Thermal Conduction and Radiation) 5. Kinetic Theory of Gases 6. Internal Energy: First Law of Thermodynamics: Specific Heat Capacity of gases 7. Isothermal and Adiabatic Processes. 8. Simple Harmonic Motion. 9. Progressive Harmonic Waves 10. Superposition of Waves – I: Interference and Beats. 11. Superposition of Waves – II: Standing Waves.

**HINDI**

Class	Subject	Term I	Term II
<b>Class XI A.B.C.D.E</b>	<b>Books</b>	<b>Section – A</b> निबन्ध, कहानी शुद्ध शब्द, मुहावरे अपठित गद्यांश  <b>Section – B</b> गद्य संकलन 1. पुत्र प्रेम 2. गौरी, 3. शरणागत, 4. सती  साखी एक फूल की चाह धरती कितना देती है ? बाल लीला  समर, प्रभा, अम्मा, बाबू जी के (चरित्र चित्रण) तत्कालीन स्त्री की दशा नामकरण वाले दिन की घटना, (अन्य प्रश्नोत्तर) सारा आकाश (उपन्यास) अध्याय 1 से 5	<b>Section – A</b> निबन्ध, कहानी, शुद्ध वाक्य मुहावरे, अपठित गद्यांश,  <b>Section – B</b> गद्य संकलन 1. आउट साइडर 2. क्या निराश हुआ जाय, 3. भवितन 4. मजबूरी  तुलसी के पद बादलों को घिरते देखा उद्यमी नर जाग तुझे दूर जाना  संवाद योजना मुख्य प्रश्नोत्तर सारा आकाश (उपन्यास) अध्याय 6 से 10
	गद्य संकलन		
	काव्य मंजरी		
	सारा आकाश (उपन्यास)		
		<b>Long and Short Question</b>	<b>Long and Short Question</b>
		<b>Note – Unit I will be included in I<sup>st</sup> Term Exam</b>	<b>Note – Full Course will be included in Final Exam.</b>

## COMPUTER

### Term-1

#### Basic Computer Hardware and Software:

- i) Numbers – Conversions and Arithmetic
- ii) Proposition Logic, Hardware Implementation, Arithmetic operations
- iii) Revision of language fundamentals
- iv) Methods & Constructors
- v) Modular programming using functions
- vi) Strings and Arrays

➤ Note : Theory Paper : 70 Marks and Practical paper : 30 marks

### Prelims and Finals

- 1 Recursion( Recursive Function)
- 2 Implementation of algorithm to solve problems
- 3 File Handling (Only Binary files)
- 4 Trends in computing and ethical issues.
- 5 Packages
- 6 Entire syllabus revision & programming practices

➤ Note : Theory Paper : 70 Marks and Practical paper : 30 marks

## PHYSICAL EDUCATION

### Section A

**Chapter.1** CONCEPT OF PHYSICAL EDUCATION.[Need, importance, aims and objectives. misconceptions and relevance of PE]

**Chapter.2** MEANING,DEFINITION & CHARACTERISTICS OF PLAY AND RECREATION, MEANING AND CONCEPT OF GAMES AND SPORTS.

**Chapter .3** EFFECTS OF PHYSICAL EXERCISE ON HUMAN BODY SYSTEMS.

**Chapter 4.** IMPORTANCE OF PHYSICAL FITNESS AND WELLNESS[Factors and tests and measurements in sports]

### SECTION B

1. CRICKET 1-20 LAWS OF CRICKET.

2. FOOTBALL 1-10 LAWS OF FOOTBALL

### **PRACTICAL ASSESSMENTS [30 MARKS]**

PUSH UPS/ SIT UPS/ STANDING JUMP/ SHUTTLE RUN/ 50 METRE SPRINT/Distance Run 600 METRE GIRLS-1000 METER BOYS/ SPECILISATION TESTS ON ANY TWO GAMES

## **TERM.2**

### **Section A**

Chapter.5. SOCIOLOGICAL ASPECTS OF PHYSICAL EDUCATION.

Chapter.6. TRAINING METHODS.

Chapter.7. CAREER ASPECTS IN PHYSICAL EDUCATION.

INCLUDED ALL CHAPTERS 1-4

### **Section B**

#### **1. CRICKET LAWS 1-44 OF CRICKET**

#### **CRICKET**

- Knowledge of the game.
- Detailed understanding of the rules and regulations of the game. Diagrams of the field and pitch, and various fielding positions.
- Knowledge of the dimensions of the field, thickness of the lines, dimensions of pitch and complete specifications and markings on it. Equipment of the game with their length, width weight, thickness and material. Score board, scorer and sight screen. Flood light.
- Duties of the officials, before, during and after the match. Umpires and third umpire, requirements of the game, equipment needed, numbers of players, duty of coach, captain etc.
- Laws governing the game. Suspensions, penalisations, arrangements needed to conduct tournaments, forfeitures, follow on, tie, power play, match fixing, duck worth rule, sledging, ball tampering.

– Basic skills and techniques. Batting (different types of shots, footwork, body position and actual bat movement. Bowling (run up, delivery stride, follow through, types of bowling variations, good line and length, grip action. Fielding positions, catching and throwing skills, Wicket keeping techniques, skills of getting the batsmen out.

– Different types of signals, extra runs, extra players, runner, substitute, provisions and restrictions, players equipment, danger area,

## **2. FOOTBALL LAWS 1-21 OF FOOTBALL**

### **FOOTBALL**

– Knowledge of the game.

– Detailed understanding of the rules and regulations of the game. Match time, extra time, tie breaker, sudden death, ball in play and out of play, importance of lines on the field. Various methods of starting and restarting the game. Substitution procedure, penalty cards and their importance.

– Knowledge of the dimensions of the field, thickness of the lines, dimensions of center circle, quarter circle, goal and penalty area, penalty arc and complete specifications and markings on it. Equipment of the game with their length, width, weight, thickness, material and dimensions. Diagram of goal post and field.

– Duties of the officials, requirements of the game, equipment needed, numbers of players, duty of coach, captain, assistant referees, technical officials, grounds men, ball boys, match organizers, technical area.

– Laws governing the game. Suspensions, penalisations, arrangements needed to conduct tournaments, punishment on players, coaches.

– Basic skills and techniques (Passing - types of pass, ground lofted, chip, volley, angle of pass. Control (use of various surfaces-head chest, foot thigh). Dribbling (running with the ball, rhythm and pace, feints, body swerves, screening, beating an opponent. Heading the ball with intention of (attacking, defending, jumping, to head down, high, pass, score.) Shooting skills with either foot, inside or outside, short and long range shots, swerving shots, volleys, penalty kicks, power and accuracy. Tackling skills - interception, jockeying for the ball, trapping by various body parts, position, tackle front, side, slide, recovery. Goalkeeping skills - stopping, watching, guiding the team, saving goal, dealing, catching, heading, kicking, punching, throwing, diving, anticipation, speed and reflexes.

– Principles of play-attack, depth, defence, penetration, sweeper systems, 4-4-2, 4-3-3, 4-2-4. Kick-off, corner kick, throw-in, goal kick,

free kick, penalty kick. Importance of penalty

arc, center circle and lines on the field.

**NEW PROJECT ON CRICKET AND FOOTBALL**

**PRACTICAL ASSESSMENTS [30 MARKS]**

PUSH UPS/ SIT UPS/ STANDING JUMP/ SHUTTLE RUN/ 50 METRE SPRINT/ Distance Run 600 METRE GIRLS-1000 METER BOYS/ SPECILISATION TESTS ON ANY TWO GAMES

**NOTE- EVERY FRIDAY-PRACTICAL PERIODS- STUDENTS TO COME STRICTLY IN THE P.ED. UNIFORM**

**HISTORY**

<u>TERM 1</u>	<u>TERM 2</u>
<ol style="list-style-type: none"> <li>1. Growth of Nationalism</li> <li>2. Emergence of the Colonial Economy</li> <li>3. Social and Religious Movements</li> <li>4. Protest Movements in Colonial India</li> <li>5. Gandhian Nationalism (1916-1922)</li> <li>6. Gandhian Nationalism (1927-1934)</li> </ol> <p><b>UNIT 1</b></p> <p><b>LESSON 1</b> Growth of Nationalism <b>LESSON 2</b> Emergence of the Colonial Economy</p> <p><b>HALF YEARLY EXAMINATION</b> <b>ALL THE CHAPTERS OF TERM 1</b></p> <p><b>PROJECT WORK- (FILE WORK)</b> <b>RABINDRANATH TAGORE</b></p>	<ol style="list-style-type: none"> <li>1. Impact of the Second Phase of Industrialization in Europe during the Late 19<sup>th</sup> and Early 20<sup>th</sup> Centuries</li> <li>2. World War I: Causes, Events Leading To It; Major Changes in Warfare and Strategy; Peace Settlements</li> <li>3. Peace Settlements after World War I and Establishment of the League of Nations</li> <li>4. The Great Depression</li> <li>5. Rise of Communism: Russia (1917-1939)</li> <li>6. Rise of Fascism: Italy (1919-1939)</li> <li>7. Rise of Nazism: Germany (1933-1939)</li> <li>8. Rise of Militarism : Japan (1919-1937)</li> </ol> <p><b>UNIT 2</b></p> <p><b>LESSON 7</b> Impact of the Second Phase of Industrialization in Europe during the Late 19<sup>th</sup> and Early 20<sup>th</sup> Centuries</p> <p><b>LESSON 8</b> World War I: Causes, Events Leading To It; Major Changes in Warfare and Strategy; Peace Settlements</p> <p><b>FINAL EXAMINATION</b> <b>ALL THE LESSONS OF TERM 1 AND TERM 2</b></p>

**SOCIOLOGY**

**There will be two papers in the subject :**

**Paper I :** Theory : 3 hours – 70 Marks

**Paper II :** Practical Work – 30 Marks

<u>Term I</u>	<u>Term 2</u>
<p>Chapter 1 : Origin and Development of Society and Anthropology</p> <p>Chapter 2 : Research Methodology</p> <p>Chapter 3 : Basic Concepts</p> <p><b>Unit Test I :</b></p> <p>Chapter 1 : Origin and Development of Society and Anthropology</p> <p><b>Half Yearly Examination :</b></p> <p>All the chapters of Term I</p>	<p>Chapter 4 : Social Structure</p> <p>Chapter 5 : Social Problems</p> <p>Chapter 6 : Indian Sociologists</p> <p><b>Unit Test II :</b></p> <p>Chapter 4 : Social Structure</p> <p><b>Practical Work :</b></p> <ol style="list-style-type: none"> <li>1. Man as a Social Animal</li> <li>2. Contribution of Irawati Karve</li> </ol> <p><b>Annual Examination :</b></p> <p>All the chapters of Term I and Term II</p>

**POLITICAL SCIENCE**

**There will be two papers in the subject :**

**Paper I :** Theory 3 hours – 80 Marks

**Paper II :** Project Work – 20 Marks

<u>Term I</u>	<u>Term 2</u>
<p>Chapter 1 (Section A): Introduction to Political Science</p> <p>Chapter 2 (Section A): Fundamental Concepts</p> <p>Chapter 3 (Section A): The Origin of the State</p> <p>Chapter 5 (Section A): Sovereignty</p> <p>Chapter 6 (Section A): Law</p> <p>Chapter 7 (Section A): Liberty</p> <p>Chapter 8 (Section A): Equality</p> <p>Chapter 9 (Section A): Justice</p> <p><b>Unit Test I :</b></p> <p>Chapter 1 (Section A): Introduction to Political Science</p> <p>Chapter 2 (Section A): Fundamental Concepts</p>	<p>Chapter 5 (Section B): Regional Cooperation</p> <p>Chapter 4 (Section A): Political Ideologies</p> <p>Chapter 4 (Section B): End of Cold War</p> <p>Chapter 6 (Section B): Non-Alignment and The Non-Alignment Movement</p> <p>Chapter 3 (Section B): Disintegration of the Soviet Union</p> <p>Chapter 4 (Section B): Unipolar World: US Unilateralism</p> <p><b>Unit Test II :</b></p> <p>Chapter 4 (Section A): Political Ideologies</p> <p>Chapter 5 (Section B): Regional Cooperation</p>

<p><b>Half Yearly Examination :</b> All the chapters of term I</p>	<p><b>Project Work :</b> Right to Freedom and Role of Media</p> <p><b>Final Examination :</b> All the chapters of Term I and Term II</p>
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**LEGAL STUDIES**

**There will be two papers in the subject :**

**Paper I :** Theory 3 hours – 80 Marks

**Paper II :** Practical Work – 20 Marks

<u>Term I</u>	<u>Term 2</u>
<p>Chapter 1 : Historical Evolution of the Indian Legal System</p> <p>Chapter 2 : Law and Jurisprudence</p> <p>Chapter 3 : Concept of Legal Personality</p> <p><b>Unit Test I :</b></p> <p>Chapter 1 : Historical Evolution of the Indian Legal System</p> <p><b>Half Yearly Examination :</b></p> <p>All the chapters of Term I</p>	<p>Chapter 4 : Criminal Law and Procedure</p> <p>Chapter 5 : Civil Law and Procedure</p> <p>Chapter 6 : Family Law</p> <p>Chapter 7 : Fundamental Rights</p> <p><b>Unit Test II :</b></p> <p>Chapter 4 : Criminal Law and Procedure</p> <p><b>Practical Work :</b></p> <ol style="list-style-type: none"> <li>1. Legal Provisions for Women and Children of India</li> <li>2. Contribution of B.R.Ambedkar</li> </ol> <p><b>Annual Examination :</b></p> <p>All the chapters of Term I and Term II</p>

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