

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

SYLLABUS
2024-2025
CLASS-XII-A/B/C/D/E

ENGLISH LANGUAGE

<u>TERM - 1</u>	<u>TERM - 2</u>
<p>Book – Total English</p> <ul style="list-style-type: none"> • Specimen Papers: 1, 2, 3, 4, 5, 6, 7 • Directed Writing – Book Review, Newspaper Report, Article Writing • Proposal Writing • Grammar: Transformation of Sentences; Preposition; Tenses • Comprehension <p style="text-align: center;">UNIT – 1: Directed Writing – Newspaper Report</p> <p style="text-align: center;">Proposal Writing</p> <p style="text-align: center;">Grammar –</p> <p>Prepositions</p> <p style="text-align: center;">(First Term Examination)</p>	<p>Book – Total English</p> <ul style="list-style-type: none"> • Specimen Papers: 8, 9, 10, 11, 12. • Directed Writing: Speech Writing , Statement of Purpose • Proposal Writing • Grammar: Transformation of Sentences; Preposition; Tenses • Comprehension <p>PROJECT WORK: Listening, Speaking and Writing Skills.</p> <p>Writing Skills: A piece of written work of about 500 words on any One of the following topics-</p> <ul style="list-style-type: none"> • The text of a brochure • A product description • A process description (e.g. instruction to operate a device, a recipe, a scientific experiment) • Description of a sporting event • An autobiographical experience • Review of a television serial <p>(Prelims 1 and 2 including all taught in Class XI)</p>

ENGLISH LITERATURE

TERM - 1	TERM - 2
<p>DRAMA - SHAKESPEARE: MACBETH – WILLIAM SHAKESPEARE</p> <ul style="list-style-type: none"> • ACT III • ACT IV <p>PRISM – A COLLECTION OF ISC SHORT STORIES</p> <ul style="list-style-type: none"> • ATITHI / GUEST • THE COOKIE LADY • THERE WILL COME SOFT RAINS <p>RHAPSODY – A COLLECTION OF ISC POEMS</p> <ul style="list-style-type: none"> • TELEPHONE 	<p>DRAMA - SHAKESPEARE: MACBETH – WILLIAM SHAKESPEARE</p> <ul style="list-style-type: none"> • ACT V <p>PRISM – A COLLECTION OF ISC SHORT STORIES</p> <ul style="list-style-type: none"> • INDIGO • THE MEDICINE BAG <p>RHAPSODY – A COLLECTION OF ISC POEMS</p> <ul style="list-style-type: none"> • SMALL TOWNS AND THE RIVER • DEATH BE NOT PROUD

<p>CONVERSATION</p> <ul style="list-style-type: none"> • TITHONUS • BEETHOVEN <p style="text-align: center;">UNIT 1 – PRISM:</p> <p>ATITHI / GUEST</p> <p>RHAPSODY: TELEPHONE CONVERSATION</p> <p>(FIRST TERM EXAMINATION)</p>	
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Prelim 1 and 2

Project Work: One written assignment of 1000 – 1500 words on any of the following topics:

1. Analysis of a theme from any short story/poem in the prescribed texts.
2. Analysis of a character from the drama or any short story/poem in the prescribed texts.
3. Background – historical, cultural, literary context and relevance of the writer/poet chosen.
4. Summary / paraphrase of the chosen text.
5. Appreciation of literary qualities of the chosen text.
6. Identifying with a character in the chosen text and presenting his / her personal perspective.
7. Writing a short story based on a poem.
8. Comparing and contrasting two characters/ themes from different short stories/poems of the prescribed texts.

ECONOMICS

April-May	July-August
<u>TERM ONE</u>	<u>TERM ONE</u>
1 Demand and its determinants 2 Consumers equilibrium 3 Elasticity of Demand 4 Supply and its elasticity 5 Market Equilibrium ➤ UNIT 1 –Chapters 1 ,2 and 3 as given above (25 marks)	1 Laws of returns to scale 2 Cost and Revenue 3 Forms of markets 4 Rules of Equilibrium 5 Producers equilibrium 6 Theory of income and employment
September	<u>TERM TWO</u> October-December
➤ Half yearly examinations –one theory paper of 80 marks All the chapters of term 1	1 Money and Banking 2 Taxation and Budget 3 International Trade 4 National Income ➤ December Prelims (80 marks) ENTIRE SYLLBUS
	<u>March</u>
	➤ Final exams

BUSSINESS STUDIES

<u>TERM 1</u>	<u>TERM 2</u>
<p><u>Chapters:-</u></p> <p>20. E-Business (Unit 1) 21. Outsourcing (Unit 1)</p> <p>1. Introduction to Human Resource Management 2. Job & Manpower Planning 3. Staff Recruitment 4. Staff Selection 5. Staff Training 6. Staff Morale 7. Staff Motivation 8. Staff Remuneration 9. Staff Leadership 10. Staff Appraisal 11. Staff Promotion & Transfer 12. Staff Separation 13. Emerging Trends in Human Resources</p>	<p><u>Chapters:-</u></p> <p>14. Business Communication 15. Business Correspondence 16. Reports & Report Writing 17. Various Business Entities 18. Sources of Business Finance 19. Globalisation 20. Business Regulators & Intermediaries</p> <p><i>*Second term also includes chapters of First Term.</i></p>

ACCOUNTS

<u>TERM 1</u>	<u>TERM 2</u>
<p>1. Partnership Accounts A. Fundamentals of Partnership B. Goodwill .C. Reconstitution of Partnership I. Admission II. Retirement of a partner Iii Death of a partner IV. Dissolution of a Partnership firm.</p> <p>Unit 1 Fundamentals of partnership Goodwill and its valuation.</p>	<p>2. Joint Stock Company Accounts A. Issue of Shares B. Issue of Debentures C. Redemption of Debentures • Redemption of debentures in annual instalments by draw of lots. D. Final Accounts of Companies</p> <p>3. Financial Statement Analysis), the extent and format of the Statement of Profit and Loss as per Schedule III Part II of the Companies 4. Cash Flow Statement (Only for Manufacturing Companies) 5. Ratio Analysis</p>

COMMERCE

TERM 1	TERM 2
1. Business Environment 2. Financing (i) Fixed and working capital (ii) Sources of finance (iii) Banking 3 Marketing (ii) Marketing Mix (iii) Consumer protection: 4 Management (i) Management: (ii) Principles of Management: nature of Principles (iii) Functions of Management: (a) Planning: (b) Organising: <p style="text-align: center;">UNIT 1</p> Business environment Consumer protection 2019.	(c) Staffing: (d) Directing: (e) Controlling: (f) Coordination: Revision of chapters of Term 1 and Term 2

MATHS

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

TERM 1	
1. Relations and Functions –chap 1	8. Integrals-chap 8
2. Inverse trigonometric functions-chap 2	9. Differential Equations-chap 9
3. Matrices-chap 3	10. Probability-chap 10
4. Determinants-chap 4	
5. Continuity and Differentiability-chap 5	
6. Indeterminate forms-chap 6	
7. Application of Derivatives-chap 7	
TERM 2	
Section B	OR
Section C	
1. Vectors-chap 1	1. Application of Calculus in Commerce & Economics- chap 1
2. Three Dimensional Geometry-chap 2	2. Linear Regression –chap 2
3. Application of Integrals –chap 3	3. Linear Programming- 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 II</u>
<ol style="list-style-type: none"> 1. Reproduction in Organisms 2. Reproduction in Flowering Plants 3. Human Reproduction 4. Reproductive Health 5. Principles of Inheritance and Variation 6. Molecular basis of Inheritance 7. Origin of Life 8. Evolution 9. Evolution of Man 10. Human Health and Diseases 	<ol style="list-style-type: none"> 11. Strategies for enhancement in food production 12. Microbes in Human Welfare 13. Biotechnology - Principles and Processes 14. Biotechnology and its Applications 15. Organisms and Populations 16. Ecosystem 17. Biodiversity and its Conservation 18. Environmental Issues

CHEMISTRY

<u>Term 1</u>	<u>Term 2</u>
<ol style="list-style-type: none"> 1. Solutions 2. Haloalkanes and Haloarenes 3. Alcohols, Phenols and Ethers 4. Electrochemistry 5. Coordination Compounds 6. d and f-block Elements 7. Chemical Kinetics 	<ol style="list-style-type: none"> 8. Chemical kinetics (continued) 9. Aldehydes, ketones and carboxylic acids 10. Amines 11. Biomolecules

PHYSICS

<u>TERM 1</u>	<u>TERM 2</u>
<ol style="list-style-type: none"> 1. Coulomb's Law, Electric Field and Electric Dipole 2. Gauss Theorem 3. Electric Potential 4. Capacitors and Dielectrics 5. Electric Resistance and Ohm's Law and Heating Effect of Current 5. DC circuits Kirchhoff's Law and Measurement by Potentiometer and Wheatstone's Bridge 6. Magnetic Effect of Current 7. Magnetic Torque on a Current Loop: Moving Coil Galvanometer 8. Ammeters and Voltmeters. 9. Electromagnetic Induction 10. AC generator and AC circuits 11. Magnetic Classification of Substances. 12. Conductors, Insulators and Semiconductors and Junction Diodes. 	<ol style="list-style-type: none"> 1. em-Waves 2. Reflection of light by spherical mirrors 3. Interference, Diffraction and Polarization 3. Refraction of Light at Plane Surfaces 4. Refraction of Light through Prism and Dispersion of Light 5. Refraction of Light at Spherical Surfaces: Lenses 6. Microscope and Telescope 7. Wave Nature of Light: Huygen's Principle 8. Interference of Light 9. Diffraction of Light 10. Polarization of Light 11. Photoelectric Effect 12. Wave Particle Duality, Matter Waves and X-Rays 13. Structure of Atom and Origin of Spectra: Bohr Theory of Hydrogen Atom 14. Energy Mass Equivalence: Nuclear Binding Energy 15. Nuclear Fission and Nuclear Fusion: Sources of Energy

HINDI

Class	Subject	Term I	Term II
Class XII A.B.C.D.E	Books व्याकरण मंजूषा गद्य संकलन काव्य मंजरी सारा आकाश (उपन्यास)	<p>Section – A</p> <p>निबन्ध, कहानी शुद्ध शब्द, मुहावरे अपठित गद्यांश</p> <p>Section – B</p> <p>गद्य संकलन-शरणागत, दासी मजबूरी, आउट साइडर संस्कृति क्या है ?</p> <p>काव्य मंजरी – धरती कितना देती है ? नदी के द्वीप जाग तुझे दूर जाना है तुलसी के पद</p> <p>सारा आकाश (उपन्यास) अध्याय 10 से 15</p> <p>Long and Short Question</p> <p>Note – Unit I will be included in Ist Term Exam</p>	<p>Section – A</p> <p>निबन्ध, कहानी, अपठित गद्यांश, मुहावरे, शुद्ध शब्द</p> <p>Section – B</p> <p>गद्य संकलन – सती क्या निराश हुआ जाय, गौरी, पुत्र प्रेम, भवितन</p> <p>काव्य मंजरी – बादलों को घिरते देखा, साखी, बाल लीला, एक फूल की चाह</p> <p>सारा आकाश –<u>संवाद</u> <u>प्रश्न</u></p> <p>सारा आकाश (उपन्यास) अध्याय 16 से 20</p> <p>Long and Short Question</p> <p>Note – Full Course will be included in Final Exam.</p>

COMPUTER

Term-1

1. Propositional Logic & Hardware
2. Boolean Algebra
3. Arrays(Single & Double both)
4. Inheritance
5. Functions(Call by Value, Call by Reference, Recursive functions)
6. Address calculations
7. Conversion infix to postfix and prefix expression

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

Pre-Prelims and Prelims

1. Data Structure- Stacks, Queues, Linked List and Binary Trees)
2. Complexity & Big-O-notations
3. Predict Output & Dry/run practice
4. Revision of entire syllabus

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

PHYSICAL EDUCATION

TERM.1 THEORY MAX.MARKS[70]

Section A

- Chapter.1 COMPETITIONS AND TOURNAMENTS.
Chapter.2 HEALTH EDUCATION AND HEALTH PROBLEMS.
Chapter .3 SPORT INJURIES AND FIRST AID.

SECTION B

1. CRICKET 1-44 LAWS OF CRICKET.
2. FOOTBALL 1-21 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.4. SOCIOLOGICAL ASPECTS OF PHYSICAL EDUCATION.

- Chapter.5. TRAINING METHODS.
Chapter.6. CAREER ASPECTS IN PHYSICAL EDUCATION.
INCLUDED ALL CHAPTERS FROM 1-3 [TOTAL 6 CHAPTERS]

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/ SPECIALISATION 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"> 1. Towards Independence and Partition: The Last Phase (1935-1947) 2. Establishment and Development of Indian Democracy (1947-1966) 3. Challenges to Indian Democracy (1964-1977) 4. Changing Face of the Indian Democracy (1977-1986) 5. India's Foreign Policy 6. Movements for Women's Rights <p>UNIT 1</p> <p>LESSON 1 Towards Independence and Partition: The Last Phase (1935-1947)</p> <p>LESSON 2 Establishment and Development of Indian Democracy (1947-1966)</p> <p>HALF YEARLY EXAMINATION</p> <p>ALL THE CHAPTERS DONE IN TERM I</p> <p>PROJECT : FILE WORK- UN- Peacekeeping actions and Weaknesses</p>	<ol style="list-style-type: none"> 1. World War-II 2. Decolonization in Asia (China) and Africa (Ghana and Kenya) 3. Cold War 1945-1991 : Origin, Course, End and Impact 4. Protest Movements 5. Middle East: Israeli-Palestine Conflict (1916-1993) <p>PRELIM 1 – ALL LESSONS OF TERM 1 AND TERM 2</p> <p>PRELIM 2 – ALL LESSONS OF TERM 1 AND TERM 2</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: Forms of Government: Totalitarian State, Authoritarian State and Liberal Democratic State</p> <p>Chapter 2: Forms of Government: Unitary State and Federal State</p> <p>Chapter 3: Forms of Government: Parliamentary and Presidential Forms of Government</p> <p>Chapter 4: Constitution</p> <p>Chapter 5: Franchise and Representation</p> <p>Chapter 6: Organs of Government: The Legislature</p> <p>Chapter 7: Organs of Government: The Executive</p> <p>Chapter 8: Organs of Government: The Judiciary</p> <p>Unit Test I :</p> <p>Chapter 1: Forms of Government: Totalitarian State, Authoritarian State and Liberal Democratic State</p> <p>Chapter 2: Forms of Government: Unitary State and Federal State</p> <p>Half Yearly Examination</p> <p>All the chapters of term I</p>	<p>Term II :</p> <p>Chapter 9: Indian Constitution</p> <p>Chapter 10: Fundamental Rights</p> <p>Chapter 11: Directive Principles of State Policy</p> <p>Chapter 12: Local Self Government</p> <p>Chapter 13: Democracy in India</p> <p>Project Work :</p> <p>Topic : Outstanding Features of the Indian Constitution</p> <p>Prelim I :</p> <p>All the chapters of term I and term II</p> <p>Prelim II :</p> <p>All the chapters of term I and term II</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 -II</u>
Chapter 1 : Social Institutions Chapter 2 : Religion and Society Chapter 3 : Political Organization Chapter 4 : Economic Organization <u>Unit Test I :</u> Chapter 1 : Social Institutions <u>Half Yearly Examination</u> All the chapters of Term I	Chapter 5 : Tribal India – Past, Present and Future Chapter 6 : Social Stratification Chapter 7 : Social Change and Development <u>Unit Test II :</u> Chapter 4 : Tribal India – Past, Present and Future <u>Practical Work</u> 1. Tribal of India 2. Changing Nature of the Indian Family <u>Pre Preliminary and Preliminary Examination</u> All the chapters of Term I and Term II

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