

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

**SYLLABUS**  
**2021-2022**  
**CLASS-IX-A/B/C**

**ENGLISH LANGUAGE**

**BOOK -- Total English**

<b>TERM1</b>	<b>TERM2</b>
<ol style="list-style-type: none"> <li>Letters (formal and informal)</li> <li>Notice and email</li> <li>Prepositions</li> <li>Transformation of sentences</li> <li>Comprehension</li> <li>Composition writing</li> <li>Total English – Sample Papers (1, 2, 3, 4, 5, 6, 7, 8) for practice</li> </ol>	<ol style="list-style-type: none"> <li>Letters (formal and informal)</li> <li>Notice and email</li> <li>Prepositions</li> <li>Transformation of sentences</li> <li>Comprehension</li> <li>Composition writing</li> <li>Total English – sample papers (9, 10, 11, 12, 13, 14, 15) for practice</li> </ol>

**ENGLISH LITERATURE**

<b>TERM1</b>	<b>TERM2</b>
<p style="text-align: center;"><b>Poetry</b></p> <ol style="list-style-type: none"> <li>The cold within</li> <li>The bangle sellers</li> </ol> <p style="text-align: center;"><b>Prose</b></p> <ol style="list-style-type: none"> <li>Hearts and hands</li> <li>Old man at the bridge</li> <li>A horse and two goats</li> </ol> <p style="text-align: center;"><b>Merchant of Venice (Shakespeare)</b></p> <ol style="list-style-type: none"> <li>Act 1 (Complete)</li> <li>Act 2 (Scenes 1, 2, 3)</li> </ol>	<p style="text-align: center;"><b>Poetry</b></p> <ol style="list-style-type: none"> <li>After Blenheim</li> <li>Television</li> <li>Daffodils</li> </ol> <p style="text-align: center;"><b>Prose</b></p> <ol style="list-style-type: none"> <li>A face in the dark</li> <li>An angle in disguise</li> </ol> <p style="text-align: center;"><b>Merchant of Venice (Shakespeare)</b></p> <ol style="list-style-type: none"> <li>Act 1 – Complete</li> <li>Act 2 – Complete</li> <li>Act 3 – Till scene 1 end</li> </ol>

**GEOGRAPHY**

<b>TERM1</b>	<b>TERM2</b>
<ol style="list-style-type: none"> <li>The geographic grid - latitudes n longitudes</li> <li>Rotation and Revolution</li> <li>Structure of the Earth</li> <li>Rocks</li> <li>Volcanoes</li> <li>Earthquakes</li> <li>Weathering</li> <li>World maps</li> </ol>	<ol style="list-style-type: none"> <li>Hydrosphere</li> <li>Composition and Structure of the Atmosphere</li> <li>Insolation</li> <li>Atmospheric pressure and winds</li> <li>Humidity</li> <li>Pollution</li> <li>Natural regions of the world</li> </ol> <p>Maps and diagrams related to the chapters taught</p> <p><b>FINAL TERM-</b> Entire syllabus covered during the year</p>

**HISTORY**

<b><u>TERM1</u></b>	<b><u>TERM2</u></b>
<p align="center"><b><u>HISTORY</u></b></p> <ol style="list-style-type: none"> <li>1. The Harappan Civilisation</li> <li>2. The Vedic Period</li> <li>3. Jainism and Buddhism</li> <li>4. The Mauryan Empire</li> <li>5. The Sangam Age</li> <li>6. The Age of the Guptas</li> <li>7. Medieval India – (A) The Cholas</li> </ol> <p align="center"><b><u>CIVICS</u></b></p> <ol style="list-style-type: none"> <li>1. Our Constitution</li> <li>2. Salient features of the Constitution – I</li> <li>3. Salient features of the Constitution – II</li> </ol> <p align="center"><b><u>UNIT TEST – I</u></b></p> <ol style="list-style-type: none"> <li>1. The Harappan Civilisation (History)</li> <li>2. Our Constitution ( Civics)</li> </ol> <p>Half Yearly Examination All chapters done in Term – I</p>	<p align="center"><b><u>HISTORY</u></b></p> <ol style="list-style-type: none"> <li>8. Medieval India – (B) The Delhi Sultanate</li> <li>9. Medieval India – (C) The Mughal Empire</li> <li>10. Medieval India – (D) Composite Culture</li> <li>11. The Modern Age in Europe –(A) Renaissance</li> <li>12. The Modern Age in Europe (B) Reformation</li> <li>13. The Modern Age in Europe (C ) Industrial Revolution</li> </ol> <p align="center"><b><u>CIVICS</u></b></p> <ol style="list-style-type: none"> <li>4. Elections</li> <li>5. Local Self- Government – Rural</li> <li>6. Local Self- Government -- Urban</li> </ol> <p align="center"><b><u>UNIT TEST – II</u></b></p> <ol style="list-style-type: none"> <li>8. Medieval India –(B) The Delhi Sultanate (History)</li> <li>4. Elections ( Civics)</li> </ol> <p>Final Examination All the chapters done in Term – I and II</p>

**MATHS**

<b><u>TERM1</u></b>	<b><u>TERM2</u></b>
<ol style="list-style-type: none"> <li>1-Rational and irrational numbers</li> <li>2-Compound Interest</li> <li>3-Expansions</li> <li>4-Factorizations</li> <li>5-Simultaneous(linear)equations</li> <li>6-Trigonometrical ratios</li> <li>7-Trigonometrical ratios and standard angles</li> <li>8-Solution of rightangles</li> <li>9-Complementary angles</li> <li>10-Statistics</li> <li>11-Mean and Median(For ungrouped data)</li> </ol> <p align="center"><b><u>Assignment1(10Marks)-</u></b> Topic:Rational and irrational numbers</p> <p>Unit test1(20Marks)- Topic:(i)Expansions (ii)Factorizations</p> <p align="center"><b><u>Project-10Marks</u></b></p>	<ol style="list-style-type: none"> <li>1-Indices(Laws of exponents)</li> <li>2-Area and perimeter of plane figures</li> <li>3-Solids(Surface area and volume of 3D solids)</li> <li>4-Co-ordinate geometry</li> <li>5-Graphical solutions(Simultaneous equations)</li> <li>6-Distance formula</li> <li>7-Mid-point Theorem and its converse</li> <li>8-Pythagoras Theorem (Proof &amp; simple application with converse)</li> <li>9-Circles</li> <li>10-Rectilinear figures</li> </ol> <p align="center"><b><u>Project-20Marks</u></b> (MATHEMATICS)(Class 9A,B,C,D)(2021-2022) Home Assignment &amp; Project(10marks+10marks) Assignment:10marks:chapter 1 Rational and irrational numbers (assignment will be on Google form) get a link in GCR Project:10marks:(make a pdf and turn in GCR) Note:project must be handwritten Write the Contribution of 2 Indian Mathematicians in the field of Mathematics. Points to be covered: 1.Detailed contribution in field of mathematics</p>

	<p>2.Their life inBrief 3.Their publications&amp;Books 4.References: Mention the different sources from where you have collected the information.</p>
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**PHYSICS**

<b><u>Term-1</u></b>	<b><u>Term-2</u></b>
<p>1) Measurements and Experimentations 2) Motion in one dimension 3) Laws of motion 4) Propagation of Sound Waves 5) Current Electricity</p>	<p>1) Pressure in Fluids and Atmospheric Pressure 2) Upthrust in Fluids, Archimedes ' Principle and Flotation 3) Heat and Energy 4) Reflection of Light 5) Magnetism</p>

**CHEMISTRY**

<b><u>UT-1</u></b>	<b><u>UT-2</u></b>
<p>Ch-1 Language of chemistry Ch-2 Chemical changes and reactions <b><u>TERM-I EXAMINATION</u></b> Ch1 Language of chemistry Ch-2 Chemical changes and reactions Ch-3 Atomic structure and chemical bonding. Ch-4 Study of water. Project PRACTICAL WORK</p>	<p>Ch-6 Periodic table Ch-7 Study of hydrogen <b><u>TERM-II EXAMINATION</u></b> Ch1 Language of chemistry Ch-2 Chemical changes and reactions Ch-3 Atomic structure and chemical bonding Ch-4 Study of water. Ch-5 Study of gas laws Ch-6 Periodic table Ch-7 Study of hydrogen Ch-8 Practical work.</p>

**BIOLOGY**

<b><u>Term-1</u></b>	<b><u>Term-2</u></b>
<p>1. Cell : The Unit of life 2. Tissues : Plant and animal tissues 3. The Flower 4. Pollination and fertilization 5. Seeds : Structure and germination 6. Respiration in plants <b><u>Unit I</u></b></p> <p>1. Cell : The Unit of life 2. Tissues : Plant and animal tissues</p>	<p>1. Nutrition 2. Digestive system 3. Skeleton : movement and locomotion 4. The respiratory system <b><u>Unit II</u></b></p> <p>1. Nutrition 2. Digestive system 3. Skeleton : movement and locomotion</p>

**COMPUTER**

**Term-1**

1. Introduction to object oriented programming Concept
2. Elementary concept of objects and classes
3. Values and data types
4. Operators & expressions in java
5. Input in Java ( Using Scanner class)
6. Mathematical Library Functions
7. Conditional Construct in java

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

**Term -2**

1. Elementary Concept of Objects and classes
2. Iterative constructs in java
3. Nested Iteration in java
4. Computing & Ethics

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

**HINDI**

**HINDI LANGUAGE**

<b>UT-1</b>	<b>UT-2</b>
<ol style="list-style-type: none"><li>1. पत्र - औपचारिक तथा अनौपचारिक</li><li>2. लोकोक्ति 1-20</li><li>3. तद्भव तत्सम शब्द 1-40 (Pg-272)</li></ol>	<ol style="list-style-type: none"><li>1. मुहावरे 41-80</li><li>2. पर्यायवाची 36-68</li><li>3. वाक्य -परिवर्तन</li></ol>
<p style="text-align: center;"><b>TERM- 1</b></p> <ol style="list-style-type: none"><li>1. निबंध 2. कहानी 3. चित्र - लेखन</li><li>4. विलोम शब्द 1-68</li><li>5. पर्यायवाची शब्द 1-35</li><li>6. संज्ञा से विशेषण - अंत से घनिष्ठता</li><li>7. भाववाचक बनाना - जातिवाचक से भाववाचक सर्वनाम से भाववाचक</li><li>8. मुहावरे - 1-40</li><li>9. वाक्यांश के लिए एक शब्द -1-33</li><li>10. शुद्ध तथा अशुद्ध शब्द -1-50</li><li>11. वाक्य - परिवर्तन</li><li>12. अपठित गद्यांश</li></ol>	<p style="text-align: center;"><b>TERM-2</b></p> <ol style="list-style-type: none"><li>1. निबंध 2. कहानी 3. चित्र -लेखन</li><li>1. पत्र - औपचारिक तथा अनौपचारिक</li><li>2. अपठित गद्यांश</li><li>3. विलोम शब्द 69-140</li><li>4. तद्भव तत्सम शब्द 41-70</li><li>5. वाक्यांश के लिए एक शब्द 34-69</li><li>6. लोकोक्ति 21-40</li><li>7. शुद्ध अशुद्ध शब्द 51-95</li><li>8. विशेषण से भाववाचक - अमीर से मिठास</li><li>9. संज्ञा से विशेषण - घमंड से प्रतीक्षा</li></ol> <p style="text-align: center;"><b>Note - Unit-1 and Term- 1 will be included in the Final Exam.</b></p>

**HINDI LITERATURE**

<u>UT-1</u>	<u>UT-2</u>
<p>1. साखी (दोहे )</p> <p style="text-align: center;"><b><u>TERM- 1</u></b></p> <p>1. स्वर्ग बना सकते है (कविता )</p> <p>2. वह जन्मभूमि मेरी (कविता )</p> <p>3. बात अठन्नी की (कहानी )</p> <p>4. महायज्ञ का पुरस्कार (कहानी )</p>	<p>1.नेताजी का चश्मा</p> <p style="text-align: center;"><b><u>TERM-2</u></b></p> <p>1. मेघ आए (कविता )</p> <p>2. सूर के पद (दोहे )</p> <p>3. बड़े घर की बेटी (कहानी)</p> <p><b><u>Note - Unit-1 and Term- 1 will be included in the Final Exam.</u></b></p>

**COMMERCIAL STUDIES**

<u>Term-1</u>	<u>Term-2</u>
<p>1. Commercial Activities (a) Commercial and Non-Commercial Activities Meaning and difference with examples. (b) Types of Commercial activities. Business, profession and employment – meaning and features. (c) Business Activities Meaning and characteristics. Types of business activities: industry and commerce; classification of industry (primary, secondary and tertiary – meaning and examples of each). (d) Non-profit Organisations Meaning and types (Society, trust, and nonprofit companies - Meaning and Examples only). (e) Commerce Meaning of Commerce and its classification: (i) Trade (types of trade: wholesale and retail, domestic and foreign, e-commerce &amp; e-trade - meaning and examples of each. (ii) Aids to trade: transport, banking, advertising, insurance, warehousing, packaging – meaning and examples of each. (f) Commercial organizations - Classification</p>	<p>3. Introduction to Accounting and Book keeping (a) Meaning and objective Meaning of accounting and book keeping; objective of accounting; accounting cycle; distinction between accounting and book keeping. (b) Basic accounting terminology Capital, liability, asset, revenue, expense, purchase, sales, stocks, debtors, creditors, drawings, debit and credit, discount (Meaning only). (c) Journal Meaning of Journal; and classification of accounts, rules of debit and credit. Recording of transactions in journal. (Simple numerical based on the terminology mentioned in part (b) need to be covered. Compound journal entries including cash discount, bad debts and opening and closing entries need not</p>

<p>on the basis of ownership. (i) Private Sector enterprise - Sole proprietorship, Partnership, oneperson company, Joint stock company, Limited liability partnership, Cooperative society (Meaning and features only). (ii) Joint Sector Enterprises – Meaning, features only. 2. Important Departments of a Commercial Organization (a) Production (b) Marketing and Sales (c) Finance and Accounting (d) Human Resources Meaning and objectives of each of the above.</p> <p style="text-align: center;"><b><u>UNIT 1</u></b></p> <p>1. Commercial Activities (a) Commercial and Non-Commercial Activities (b) Business Activities</p>	<p>be covered). 2 (d) Ledger Meaning, posting and balancing of ledger accounts. (Ledger posting on the basis of simple journal entries). (e) Trial balance Meaning, objectives and preparation of trial balance with the given set of ledger account balances. (Re-drafting of trial balance need not be covered.) (f) Cash Book Meaning, types of cash books, preparation of single column cash book 4. Banking Commercial Banks - Functions and Types of Accounts (Savings, Current, Recurring &amp; Fixed Account – meaning and difference only). <b><u>Revision of Term 1 and Term 2</u></b></p>
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**ECONOMIC APPLICATION**

<b><u>UT-1</u></b>	<b><u>UT-2</u></b>
<p>Meaning and Definition of Economics Basic Concepts of Economics <b><u>Term 1</u></b> Economy and Economic Entities Basic Problems of an Economy The Nature and the Classification of an Economy Solutions to the Basic Problems in Different Economies The Nature of the Indian Economy The Sectors of Indian Economy Impact of Agricultural and Industrial Practices of the Ecosystem *Chapters of Unit 1 will be included in Term 1</p>	<p>Infrastructure of the Indian Economy <b><u>Term 2 (Final Exams)</u></b> Social Infrastructure of the Indian Economy Consumer Awareness Globalisation  * According to the ICSE Syllabus 2022 for Class 9, all chapters of the syllabus will be included in the Final Exams (including Term 1).</p>

**PHYSICAL EDUCATION**

**TERM.1**

**THEORY**

**Max.marks[100]**

**Section A**

- Chapter.1 THE HUMAN ANATOMY AND PHYSIOLOGY  
Chapter.2 THE MUSCULAR SYSTEM  
Chapter .3 THE RESPIRATORY SYSTEM  
Chapter 4. THE CIRCULATORY SYSTEM

**SECTION B**

1. CRICKET 1-10 LAWS OF CRICKET.  
2. FOOTBALL 1-10 LAWS OF FOOTBALL

**PROJECT ON CRICKET AND FOOTBALL**

**PRACTICAL ASSESSMENTS [100 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

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**TERM.2**

**Section A**

**[Revised syllabus from X]**

- Chapter.1. HUMAN GROWTH AND DEVELOPMENT  
Chapter.2. MEANING AND OBJECTIVES OF PHYSICAL EDUCATION.  
Chapter.3. BODY TYPES  
Chapter.4. MEANING, COMPONENTS AND FACTORS OF PHYSICAL FITNESS.

INCLUDED EFFECTS OF EXERCISE ON SKELETAL, MUSCULAR, RESPIRATORY & CIRCULATORY SYSTEMS.

**Section B**

- 1. CRICKET LAWS 1-20 OF CRICKET TERMINOLGY-**

Maiden over, Hat trick, Extra,  
Dead rubber, Seam bowling, Over,  
No ball, Bouncer, Sight screen,  
Bump ball, Danger area, Power play,

Overthrow, Declaration, Appeal, Bodyline Bowling, Dot ball, Substitute,  
Dead ball, Ball-tampering, Century,  
Follow-on, Golden duck, Nick,  
Nightwatchman, Tailender, Pull shot,  
Innings defeat, Cover drive, Innings,  
Straight drive, Sweep shot, Hook shot,  
Reverse sweep, Upper cut, Late cut,  
Leg glance, Pull shot, Flick shot,  
Beamer, Off cutter, Leg cutter,  
Short pitch, Full length delivery,  
Reverse swing,

#### **5. National and International governing bodies of**

##### **Cricket**

BCCI - Board of Control for Cricket in India

ICC - International Cricket Council

#### **6. National and International tournaments**

National Tournament: Ranji Trophy, Duleep

Trophy, Vijay Hazare Trophy, Deodhar Trophy,

Irani Trophy, Indian Premier League.

International Tournaments: ICC Cricket World

Cup, ICC champions Trophy, ICC World T20,

## **2. FOOTBALL LAWS 1-20 OF FOOTBALL**

### **Terminology**

Advantage, Zonal marking, Sliding Tackle,

Through pass, Quarter Circle, Man to Man

Marking, Additional time, Extra time,

Nutmeg, One-on-one, Step over,

Technical area, Volley, Half Volley,

Attacker, Defender, Chip,

Cross, Overlap, Lob,

Banana Kick, Bicycle Kick, Wall

Pass, Goal line technology (GLT)

5. National and International Governing Bodies

AIFF - All India Football Federation

FIFA - Federation Internationale de Football

Association

IFAB - International Football Association Board

6. National and International Tournaments

National Tournaments: Santosh Trophy, Subroto

Cup, Federation Cup, Durand Cup, I – League

International Tournaments: FIFA World Cup,

UEFA European Championship, AFC Cup

#### **PROJECT ON CRICKET AND FOOTBALL**

#### **PRACTICAL ASSESSMENTS [100 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

***PRINCIPAL  
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KANPUR***