

**CLASS X SYLLABUS FOR 2023 - 2024****UNIT TEST I**

<b>English language</b>	<b>1. Composition</b>
	<b>2. Comprehension</b>
	<b>3. Letter writing – informal / formal</b>
	<b>4. Notice</b>
	<b>5. E-mail</b>
	<b>6. General grammar</b>
<b>English literature</b>	<b>Treasuree trove – A collection of ICSE poems and short stories merchant of Vanice – William Shakespeare.</b>
	<b>Prose</b>
	<b>1. Bead – The Blue Norah Burke</b>
	<b>2. The little match girl – hans Christians Anderson</b>
	<b>Poetry : 1. Daffodils – William wordsworth</b>
	<b>2. I know why the caged bird sings – Maya angelou</b>
	<b>The Merchant of vanice – Act 3 Scene 1,2,3,4 &amp; 5</b>
<b>Geography</b>	<b>1. Climate</b>
	<b>2. Soil resources</b>
	<b>3. Transport</b>
	<b>Topography – definition</b>
	<b>Map : India</b>
<b>Home science</b>	<b>1. Budgeting and saving</b>
	<b>2. Space organization in the kitchen</b>
	<b>3. Home furnishing</b>
<b>History</b>	<b>1. The First war of Independence 1857</b>
	<b>2. Growth of nationalism</b>
	<b>3. First phase of the Indian national movement</b>
	<b>4. Second phase of the Indian national movement</b>
	<b>Civics : 1 The <u>Union</u> legislation</b>
	<b>3. Union parliament</b>

<b>MATHS</b>	<b>1. GST</b>
	<b>2. Banking</b>
	<b>3. Linear inequations in one variable</b>
	<b>4. Circles</b>
	<b>5. Probability</b>
	<b>6. Shares and dividend</b>
	<b>7. Trigonometrical identities</b>
	<b>8. Heights and distances</b>
<b>Physics</b>	<b>1. Force</b>
	<b>2. Work and energy and power</b>
	<b>3. Machines</b>
<b>Chemistry</b>	<b>1. Periodic table – periodic properties and variations</b>
	<b>2. Chemical bonding</b>
	<b>3. Acids bases and salts</b>
	<b>4. Analytical chemistry</b>
	<b>5. Organic chemistry</b>
<b>Biology</b>	<b>1. Cell, cycle, cell division and structure of chromosomes</b>
	<b>2. Genetics</b>
	<b>3. Absorption by roots</b>
	<b>4. Transpiration</b>
	<b>5. Chemical coordination in plants</b>
<b>Computer application</b>	<b>1. Library classes</b>
	<b>2. Arrays</b>
	<b>3. String handling</b>
<b>Economics</b>	<b>1. Productive mechanism</b>
	<b>2. Land, labour, capital, entrepreneur</b>

<b>FIRST TERM EXAMINATION</b>	
<b>English language</b>	<b>1. Composition – descriptive, narrative, imaginative, debatable topics</b>

	<b>2. Letter writing – Informal / formal</b>
	<b>3. comprehension and precis writing</b>
	<b>4. Email, Notice</b>
	<b>5. General grammar</b>
	<b>Project : Oral and aural skills to be tested. [10+10=20]</b>
<b>English literature</b>	<b>Prose</b>
	<b>1. My greatest olympic prize – Jesse Owens</b>
	<b>2. All summer in a day – Ray Douglas bradbury</b>
	<b>Poetry : 1) Above ben Adhem – leigh hunt</b>
	<b>2) Nine gold medals – david roth</b>
	<b>The merchant of venice</b>
	<b>Act IV scene I &amp; 2(Unit 1 included)</b>
<b>Geography</b>	<b>1. Natural vegetation</b>
	<b>2. Water resources</b>
	<b>3. Mineral resources</b>
	<b>4. Conventional sources of energy</b>
	<b>5. Non – Conventional sources of energy</b>
	<b>6. Manufacturing industries (agro based )</b>
	<b>7. Mineral based industry</b>
	<b>Topography</b>
	<b>Map : India</b>
	<b>Unit test portions also included</b>
<b>Home science</b>	<b>1. Milestones of development</b>
	<b>2. Role of family, peer group and school</b>
	<b>3. Learning disabilities</b>
	<b>4. Balanced diet</b>
<b>History</b>	<b>1. The muslim league</b>
	<b>2. Mahatma Gandhi and the National Movement</b>
	<b>3. Forward bloc and the INA</b>
	<b>Civics : The president and the vice</b>

	<b>president ( unit test 1 portions included)</b>
<b>Maths</b>	<b>1. Quadratic equation</b>
	<b>2. Solving problems</b>
	<b>3. Ratio and proportion</b>
	<b>4. Matrices</b>
	<b>5. Reflection</b>
	<b>6. Similiarity</b>
	<b>7. Graphical repretation</b>
	<b>8. Measures of central tendency</b>
<b>Physics .</b>	<b>1. Refraction of light at plane surface</b>
	<b>2. Refraction through a lens</b>
	<b>3. Spectrum</b>
	<b>4. Force</b>
	<b>5. Work, energy and power</b>
	<b>6. Machines</b>
<b>Chemistry</b>	<b>1. Electrolysis</b>
	<b>2. metallurgy</b>
	<b>3. mole concept</b>
	<b>4. study of compounds – HCL</b>
	<b>5. study of compounds – NH3</b>
<b>Biology</b>	<b>1. photosynthesis</b>
	<b>2. The Circulatory System</b>
	<b>3. the excretory system</b>
	<b>4. the nervous system</b>
	<b>5. sense organs</b>
	<b>6. eudocrine system</b>
<b>Computer application</b>	<b>1. user – defined methods</b>
	<b>2. constructors</b>
	<b>3. class as the basis of all computation</b>
	<b>4. conditional statements in java</b>
	<b>5. iterative construction in java</b>
<b>Economics</b>	<b>1. theory of demand</b>
	<b>2. elasticity of demond</b>
	<b>3. theory of supply</b>
	<b>4. elasticity of supply</b>
	<b>5. banking in India</b>

	<b>6. Market</b>
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<b>UNIT TEST - 2</b>	
<b>English language</b>	1. Composition – descriptive, narrative, imaginative, debatable topics
	2. Letter writing – informal / formal
	3. Comprehension and pricis writing
	4. Notice , email
	5. General grammar
<b>English literature</b>	<b>Prose</b>
	1. An angel in disguise – T S Arthur
	<b>Poetry : 1. The patriot –Robert Browning</b>
	<b>The merchant of vanice – ActV, Scene 1</b>
	<b>Preparatory Examination</b>
	<b>According to ICSE syllabus</b>
<b>Geography</b>	1. Waste management I
	2. Waste management II
	3. Agriculture 1
	4. Agriculture II food crops
	5. Agriculture III cash crops (1)
	6. Agriculture Iv cash crops (2)
	<b>Topography</b>
	<b>Map : India</b>
<b>Home science</b>	1. Meal planning
	2. Hygienic handling and storage
	3. Selection of fabrics
<b>History</b>	1. Independence And Partition Of India
	2. The First World War
	3. Rise Of Dictatorship
	<b>Civics : Prime Minister And Council Of Ministers</b>
<b>Maths</b>	1. Arithmetic progression
	2. Section formula
	3. Remainder and factor theorem
	4. Geometric programme

	<b>5. Equation of a line</b>
<b>Preliminary</b>	<b>1. Similarity</b>
	<b>2. Loci</b>
	<b>3. Tangents and intersecting chords</b>
	<b>4. Construction</b>
	<b>5. Cylinder, cone and sphere</b>
<b>Physics</b>	<b>1. Sound</b>
	<b>2. Current electricity</b>
	<b>3. House hold circuits</b>
<b>Chemistry</b>	<b>1. Study of compounds – HNO<sub>3</sub></b>
	<b>2. Study of compounds – H<sub>2</sub>SO<sub>4</sub></b>
<b>Biology</b>	<b>1. The reproductive system</b>
	<b>2. Population</b>
	<b>3. Human evolution</b>
	<b>4. Pollution</b>
	<b>5. Absorption in plants</b>
<b>Computer application</b>	<b>1. Revision of class IX syllabus Unit I to VI and unit IX</b>
	<b>2. Encapsulation and inheritance</b>
<b>Economics</b>	<b>1. Scope of public finance</b>
	<b>2. Inflation</b>
	<b>3. Consumer awareness</b>

<b>FINAL EXAM</b>	
<b>English language</b>	<b>According to ICSE syllabus</b>
	<b>Oral and aural to be tested. [10+10=20]</b>
<b>Geography</b>	<b>Full years portion</b>
	<b>Project : Sources of water, need to conserve water, conservations practices – Rain water harvesting means of irrigation : wells, canal, tanks. Modern methods of irrigation : spray irrigation, drip irrigation and sprinkler irrigation.</b>

	<b>Date of submission : july 2023</b>
<b>Home science</b>	<b>[entire textbook for examination]</b>
	<b>Final exam project : Any full unit</b>
	<b>Submission : 03 november 2023</b>
<b>History</b>	<b>1. The Second World War</b>
	<b>2. United Nations</b>
	<b>3. Major Agencies Of The United Nations</b>
	<b>4. Non Aligned Movement</b>
	<b>Civics : 1. The Supreme Court</b>
	<b>2. The High Court And Subordinate Courts</b>
	<b>Full Year Portions</b>
	<b>Project : Condition of Europe on the eve of the 20<sup>th</sup> century, factors leading to the formation of triple Entente and triple alliance. Causes for the defeat of the Germany in 1918 and why did the central powers collapse in 1918</b>
<b>Maths</b>	<b>Full year portion</b>
<b>Physics</b>	<b>Full portions</b>
<b>Chemistry</b>	<b>Full syllabus</b>
<b>Biology</b>	<b>Full syllabus</b>
<b>Computer application</b>	<b>Full syllabus</b>
<b>Economics</b>	<b>Full syllabus</b>
	<b>Project : date of submission (November 2023)</b>
	<b>1. Make a comparative analysis of public expenditure of central government during the period of previos ten financial years. The points to highlighted in your project are as follows</b>
	<b>a. Types of public expenditure</b>
	<b>b. Allocation of money to be expanded</b>

	<b>in various heads.</b>
	<b>c. Reasons for the increasing trend of public expenditure</b>
	<b>d. Suggestive measures to check the increainsg trend of public expenditure.</b>
	<b>2. Collect the data regarding money supply in India during the last decade. Show the growth of Indian money supply ones the same period of time</b>