

**SRI SRI ACADEMY**  
**SYLLABUS 2017-2018**  
**CLASS - X**

**ENGLISH**

<b>FIRST TERM</b>	<b>SECOND TERM</b>
<p style="text-align: center;"><b>ENGLISH LITERATURE</b></p> <p>1. <b>THE MERCHANT OF VENICE</b> ACT I- III</p> <p>2. <b>POETRY:</b>            THE INCHCAPE ROCK            IN THE BAZAARS OF HYDERABAD            SMALL PAIN IN MY CHEST            THE PROFESSOR            STOPPING BY THE WOODS ON A SNOWY EVENING            A DOCTORS JOURNAL ENTRY            IF THOU MUST LOVE ME            I BELIEVE            A PSALM OF LIFE</p> <p>3. <b>PROSE</b>            INDIA'S HEROES            JOURNEY BY NIGHT            HUNGER            MY LOST DOLLAR            GOD LIVES IN THE PANCH            THE KABULIWALA            THE BET            THE TIGER IN THE TUNNEL                              PRINCESS SEPTEMBER</p>	<p style="text-align: center;"><b>ENGLISH LITERATURE</b></p> <p>1. <b>THE MERCHANT OF VENICE</b> ACT I- V</p> <p>2. <b>POETRY:</b>            THE INCHCAPE ROCK            IN THE BAZAARS OF HYDERABAD            SMALL PAIN IN MY CHEST            THE PROFESSOR            STOPPING BY THE WOODS ON A SNOWY EVENING            A DOCTORS JOURNAL ENTRY            IF THOU MUST LOVE ME            I BELIEVE            A PSALM OF LIFE            WHERE THE MIND IS WITHOUT FEAR</p> <p>3. <b>PROSE</b>            INDIA'S HEROES            JOURNEY BY NIGHT            HUNGER            MY LOST DOLLAR            GOD LIVES IN THE PANCH            THE KABULIWALA            THE BET            THE TIGER IN THE TUNNEL            PRINCESS SEPTEMBER            THE LAST LEAF</p>
<p style="text-align: center;"><b>ENGLISH LANGUAGE</b></p> <p>1. COMPOSITION            2. LETTER WRITING            3. COMPREHENSION.            4. GRAMMAR.</p>	<p style="text-align: center;"><b>ENGLISH LANGUAGE</b></p> <ul style="list-style-type: none"> <li>• COMPOSITION</li> <li>• LETTER - Writing</li> <li>• COMPREHENSION</li> <li>• GRAMMAR</li> </ul>

## HINDI

FIRST TERM	SECOND TERM
<p style="text-align: center;"><b>साहित्य</b></p> <hr/> <p style="text-align: center;"><b>साहित्य-सागर</b></p> <p>गद्य—</p> <ul style="list-style-type: none"> <li>• दो कलाकार</li> <li>• काकी</li> <li>• महायज्ञ का पुरस्कार</li> <li>• बड़े घर की बेटी</li> <li>• सन्देह</li> </ul> <p>पद्य—</p> <ul style="list-style-type: none"> <li>• मातृ-मंदिर की ओर</li> <li>• विनय के पद</li> <li>• स्वर्ग बना सकते हैं</li> <li>• भिक्षुक</li> <li>• वह जन्मभूमि मेरी</li> </ul> <p><b>सरस हिन्दी व्याकरण</b></p> <p>व्यावहारिक व्याकरण—</p> <ul style="list-style-type: none"> <li>• भाववाचक संज्ञा, विशेषण, विलोम, पर्यायवाची शब्द, तत्सम-तद्भव ।</li> <li>• वाच्य, वाक्य (रचना और अर्थ के अनुसार )</li> <li>• काल भेदों सहित ।</li> <li>• वाक्य संशोधन । शब्द संशोधन</li> <li>• मुहावरे तथा लोकोक्ति ।</li> <li>• अनेक शब्दों के लिए एक शब्द ।</li> <li>• निबंध ।</li> <li>• अपठित गद्यांश ।</li> <li>• पत्र (औपचारिक तथा अनौपचारिक)</li> <li>• चित्र-वर्णन</li> </ul>	<p style="text-align: center;"><b>साहित्य</b></p> <hr/> <p style="text-align: center;"><b>साहित्य सागर</b></p> <p>गद्य—</p> <ul style="list-style-type: none"> <li>• काकी</li> <li>• महीयज्ञ का पुरस्कार</li> <li>• संदेह</li> <li>• अपना-अपना भाग्य</li> <li>• बड़े घर की बेटी</li> <li>• जामुन का पेड़</li> <li>• दो कलाकार</li> </ul> <p style="text-align: center;">○ पद्य—</p> <ul style="list-style-type: none"> <li>• सूर के पद</li> <li>• गिरिधर की कुण्डलियाँ</li> <li>• चलना हमारा काम है</li> <li>• स्वर्ग बना सकते हैं</li> <li>• विनय के पद</li> <li>• भिक्षुक</li> <li>• वह जन्मभूमि मेरी</li> </ul> <hr/> <p style="text-align: center;"><b>व्याकरण</b></p> <p style="text-align: center;"><b>सरस हिन्दी व्याकरण</b></p> <p>व्यावहारिक व्याकरण—</p> <ol style="list-style-type: none"> <li>1) भाववाचक संज्ञा, विशेषण, विलोम, पर्यायवाची शब्द ,तत्सम-तद्भव ।</li> <li>2) वाच्य, वाक्य (रचना और अर्थ के अनुसार )</li> <li>3) वाक्य संशोधन । शब्द संशोधन ।</li> <li>4) मुहावरे तथा लोकोक्ति ।</li> <li>5) अनेक शब्दों के लिए एक शब्द ।</li> <li>6) निबंध ।</li> <li>7) अपठित गद्यांश ।</li> <li>8) पत्र (औपचारिक तथा अनौपचारिक)</li> <li>9) चित्र वर्णन ।</li> <li>10) काल भेदों सहित</li> </ol>

## **BENGALI (বাংলা)**

<b>FIRST TERM</b>	<b>SECOND TERM</b>
<p>• <b><u>Language (ভাষা)</u></b> I.C.S.E. সিলেবাস অনুযায়ী সব ধরনের ব্যাকরণের অভ্যাস প্রবন্ধরচনা পত্ররচনা (ব্যক্তিগত ও ব্যবসায়িক) বোধপরীক্ষণ</p> <p><b><u>Literature</u></b> গদ্য: ১। নাম ২। গল্পটা খুব সন্দেহজনক ৩। লোকটি</p> <p>পদ্য: ১। অমলকান্তি ২। ফুল ফুটুক না ফুটুক ৩। কুলি-মজুর</p> <p>এছাড়া I.C.S.E. সিলেবাস অনুযায়ী সব গল্প ও কবিতা থাকবে</p>	<p>ICSE SYLLABUS অনুযায়ী ১০টা গল্প, ১০ টা কবিতা, ব্যাকরণ, প্রবন্ধ রচনা, পত্র রচনা ও বোধ পরীক্ষণ থাকবে।</p>

# MTEMATICS

<b>FIRST TERM</b>	<b>SECOND TERM</b>
<ol style="list-style-type: none"><li>1) Banking</li><li>2) VAT</li><li>3) AP &amp; GP</li><li>4) Linear Inequation</li><li>5) Factorization</li><li>6) Quadratic Equations</li><li>7) Ratio &amp; proportion</li><li>8) Matrices</li><li>9) Similarity</li><li>10) Locus</li><li>11) Constructions (Incircle &amp; Circumcircle)</li><li>12) Reflection</li><li>13) Mensurations(Cylinder)</li><li>14) Statistics (Mean, Median &amp; Mode)</li><li>15) Trigonometry</li><li>16) Probability</li></ol>	<ol style="list-style-type: none"><li>1. VAT</li><li>2. VAT Banking</li><li>3. Linear In equation</li><li>4. Quadratic Equations</li><li>5. Factorization</li><li>6. Matrices</li><li>7. Reflection</li><li>8. Distance &amp; Section formula</li><li>9. Equation of straight lines</li><li>10. Similarity</li><li>11. Locus</li><li>12. Circle</li><li>13. Constructions</li><li>14. Mensuration</li><li>15. Trigonometric Identity, tables</li><li>16. Heights and distance</li><li>17. Graphical Representation</li><li>18. Mean and Median (ogive), mode</li><li>19. Statistics (Mean, Median &amp; Mode)</li><li>20. Probability</li><li>21. Shares and Dividends</li><li>22. AP and GP</li></ol>

## PHYSICS

<b>FIRST TERM</b>	<b>SECOND TERM</b>
<ol style="list-style-type: none"> <li>1. Refraction of light at plane surfaces</li> <li>2. Refraction through a Lens</li> <li>3. Spectrum</li> <li>4. Current Electricity</li> <li>5. Household Circuits</li> <li>6. Electromagnetism</li> <li>7. Calorimetry</li> <li>8. Force</li> <li>9. Work Energy Power</li> </ol>	<ol style="list-style-type: none"> <li>1. Light : Refraction, Reflection, Spectrum</li> <li>2. Sound</li> <li>3. Electricity &amp; Magnetism : Current Electricity; Electrical Power &amp; Household Circuits; Electromagnetism</li> <li>4. Calorimetry</li> <li>5. Modern Physics</li> <li>6. Force, Work, Power and Energy</li> </ol>

## CHEMISTRY

<b>FIRST TERM</b>	<b>SECOND TERM</b>
<ul style="list-style-type: none"> <li>• Refraction Periodic Table and periodic properties.</li> <li>• Chemical Bonding.</li> <li>• Acids bases and salts.</li> <li>• Analytical and practical chemistry (Theory)</li> <li>• Mole concepts and Stoichiometry.</li> <li>• Electrolysis.</li> <li>• Metallurgy.</li> <li>• Organic Chemistry-(i)IUPAC nomenclature and structural formulae,(ii) alkanes.</li> </ul>	<ul style="list-style-type: none"> <li>• Periodic Table and periodic properties.</li> <li>• Chemical Bonding.</li> <li>• Acids bases and salts.</li> <li>• Analytical and practical chemistry (Theory)</li> <li>• Mole concepts and Stoichiometry.</li> <li>• Electrolysis.</li> <li>• Metallurgy.</li> <li>• Organic Chemistry-(i)IUPAC nomenclature and structural formulae,(ii) alkanes.</li> <li>• Alkenes</li> <li>• Alkynes</li> <li>• Alcohols</li> <li>• Acids</li> <li>• Study of compounds – Hydrogen chloride, Nitric acid, Sulphuric acid, Ammonia</li> </ul>

## **BIOLOGY**

<b>FIRST TERM</b>	<b>SECOND TERM</b>
<ul style="list-style-type: none"> <li>• Absorption by Roots.</li> <li>• Transpiration.</li> <li>• Photosynthesis.</li> <li>• The Circulatory System.</li> <li>• The Excretory System.</li> <li>• The Nervous System along with the Sense Organs (Eye &amp; Ear).</li> <li>• The Endocrine Glands.</li> <li>• The Reproductive System.</li> <li>• Population.</li> <li>• Aids to Health.</li> <li>• Health Organization.</li> <li>• Environmental Pollution.</li> </ul>	<ul style="list-style-type: none"> <li>• Cell Cycle, Cell Division &amp; Structure of Chromosome.</li> <li>• Fundamentals of Genetics.</li> <li>• Absorption by Roots.</li> <li>• Transpiration.</li> <li>• Photosynthesis.</li> <li>• The Circulatory System.</li> <li>• The Excretory System.</li> <li>• The Nervous System along with the Sense Organs (Eye &amp; Ear).</li> <li>• The Endocrine Glands.</li> <li>• The Reproductive System.</li> <li>• Population.</li> <li>• Aids to Health.</li> <li>• Health Organization.</li> <li>• Environmental Pollution.</li> </ul>

## **COMMERCIAL STUDIES**

<b>FIRST TERM</b>	<b>SECOND TERM</b>
<ol style="list-style-type: none"> <li>1. Stakeholders in commercial Organization</li> <li>2. Communication in a Commercial Organization</li> <li>3. Nature and functions of Marketing</li> <li>4. Marketing research</li> <li>5. Advertising and Sales Promotion</li> <li>6. Sales and Selling process</li> <li>7. Capital and Revenue Expenditure/Income</li> <li>8. Final Accounts of a Sole trader(Previously done)</li> <li>9. Financial statements of Non-profit Organizations</li> <li>10. Recruitment Selection and Training</li> <li>11. Industrial relations and Trade Unions</li> <li>12. Logistics and Insurance.</li> </ol>	<ol style="list-style-type: none"> <li>1. Stakeholders</li> <li>2. Communication</li> <li>3. Nature and functions of Marketing</li> <li>4. Marketing research</li> <li>5. Advertising and Sales Promotion</li> <li>6. Sales and Selling process</li> <li>7. Capital and Revenue Expenditure</li> <li>8. Final Accounts</li> <li>9. Financial statements</li> <li>10. Cost</li> <li>11. Budgeting</li> <li>12. Banking</li> <li>13. Recruitment Selection and Training</li> <li>14. Industrial relations and Trade Unions</li> <li>15. Logistics and Insurance</li> <li>16. Environment</li> </ol>

## **ECONOMIC APPLICATIONS**

<b>FIRST TERM</b>	<b>SECOND TERM</b>
1.Elementary Theory of Demand 2.Elasticity of Demand 3.Theory of Supply 4.Factors of Production 5.Nature and Structure of Markets	1. Elementary Theory of Demand 2.Elasticity of Demand 3.Theory of Supply 4.Factors of Production 5.Nature and Structure of Markets 6. The state & Economic Development 7. Meaning and Functions of Money 8. Inflation 9. Commercial Banks 10. Central Banking

## **HOME SCIENCE**

<b>FIRST TERM</b>	<b>SECOND TERM</b>
Home Furnishing-colour and fabrics for furnishings. Lighting in Home Layout and Planning of Kitchens Nutritional Needs of Children, Adolescents and Older People Meal planning for members of the family Storage and Preservation of food Preparation of nutritional snacks Growth and development of middle childhood Growth and development of adolescence— Physical growth and development. Personal hygiene. Emotional and behavioural concerns. Role of the family, peer group and school.	1. Colour 2. Fabrics for furnishings. 3. Lighting in Home 4. Space Organization in the Kitchen 5. Budgeting and saving 6. Fundamentals of Banking 7. Milestones of Development 8. Physical growth and development. 9. Personal hygiene. 10. Emotional and behavioural concerns. 11. Role of the family, peer group and school. 12. Balance Diet 13. Meal planning for members of the family 14. Storage and Preservation of food 15. Laundering 16. Laundry Materials 17. Consumer Education 18. Wise buying 19. Consumer Rights 20. Food Adulteration

## COMPUTER APPLICATIONS

<b>FIRST TERM</b>	<b>SECOND TERM</b>
<ol style="list-style-type: none"> <li>1) Object Oriented Programming(OOP)</li> <li>2) History &amp; Development of Java</li> <li>3) Concept of Data Types in Java</li> <li>4) Operators and Expressions in Java</li> <li>5) General Programming and Decision Making in Java</li> <li>6) Iteration through Loops</li> <li>7) Using Library Classes</li> <li>8) Functions/Methods</li> <li>9) String Manipulation in Java</li> <li>10) Arrays</li> </ol>	<ol style="list-style-type: none"> <li>1) Object Oriented Programming(OOP)</li> <li>2) History &amp; Development of Java</li> <li>3) Concept of Data Types in Java</li> <li>4) Operators and Expressions in Java</li> <li>5) General Programming and Decision Making in Java</li> <li>6) Iteration through Loops</li> <li>7) Using Library Classes</li> <li>8) Functions/Methods</li> <li>9) String Manipulation in Java</li> <li>10) Arrays</li> <li>11) Basic Input/Output</li> <li>12) Class as user defined type</li> <li>13) Constructors</li> <li>14) Encapsulation and Inheritance</li> </ol>

## HISTORY & CIVICS

<b>FIRST TERM</b>	<b>SECOND TERM</b>
<p><b>CIVICS</b></p> <ol style="list-style-type: none"> <li>1. The Union Parliament</li> <li>2. The Union Executive: President &amp; Vice-President</li> <li>3. The Union Executive: Prime Minister, Union Cabinet &amp; Council of Ministers</li> </ol> <p><b>INDIAN HISTORY</b></p> <ol style="list-style-type: none"> <li>1. The First War of Independence</li> <li>2. Factors promoting Nationalism and foundation of INC</li> <li>3. Programme and achievements of Early Nationalist.</li> <li>4. The Rise of Assertive Nationalism</li> <li>5. The partition of Bengal and Swadeshi Movement.</li> <li>6. Factors leading to the formation of Muslim League.</li> <li>7. National Movement during the First World War: Lucknow Pact and other developments</li> </ol> <p><b>CONTEMPORARY WORLD</b></p> <ol style="list-style-type: none"> <li>1. The First World War</li> <li>2. Rise of Dictatorships</li> <li>3. The Second World War</li> </ol>	<p><b>CIVICS</b></p> <ol style="list-style-type: none"> <li>1. The Supreme Court</li> <li>2. The High Court</li> <li>3. The Subordinate Courts</li> </ol> <p><b>INDIAN HISTORY</b></p> <ol style="list-style-type: none"> <li>1. National Movement 1919-1934</li> <li>2. Cripps Mission &amp; Quit India Movement</li> <li>3. Subhash Chandra Bose</li> <li>4. Independence and the Partition of India</li> </ol> <p><b>CONTEMPORARY WORLD</b></p> <ol style="list-style-type: none"> <li>1. United Nations Organisation</li> <li>2. Major Agencies of the United nations</li> <li>3. The Non- Alignment Movement</li> </ol>



## GEOGRAPHY

FIRST TERM	SECOND TERM
<ol style="list-style-type: none"> <li>1. Climate of India</li> <li>2. Soils in India</li> <li>3. Natural Vegetation of India</li> <li>4. Water Resources</li> <li>5. Minerals in India</li> <li>6. India- Energy Resources</li> <li>7. Agriculture in India</li> <li>8. Food crops</li> <li>9. Transport</li> <li>10. Waste Management I</li> <li>11. Waste Management II</li> </ol> <ul style="list-style-type: none"> <li>• <b>Map Work [India]</b> – Mountains, Peaks, Passes, Plateaus, Plains, Desert, Rivers, Water Bodies, Latitudes and Longitudes, Direction of Winds, Distribution of Minerals, Soil Distribution.</li> <li>• <b>Interpretation of Topographical Maps [ 45 D/7 and 45 D/10 ]</b> – Scale and Direction used on the map, Four figure and six figure grid reference, Distance measurement on the map, Interpretation of the signs and symbols used on topographic maps and their definition, concept of contours, contour interval, triangulated height, spot height, bench mark, relative height/ depth</li> </ul>	<ol style="list-style-type: none"> <li>1. Climate of India</li> <li>2. Soils in India</li> <li>3. Natural Vegetation of India</li> <li>4. Water Resources</li> <li>5. Minerals in India</li> <li>6. Agriculture in India( Food Crops, Cash Crops, Distribution of crops)</li> <li>7. Mineral Based Industries in India</li> <li>8. Agro based Industries in India</li> <li>9. Transport</li> <li>10. Waste Management I</li> <li>11. Waste Management II</li> <li>12. Interpretation of Topological Maps and Map Points of India As Per the Syllabus</li> </ol>