

# LT ATUL KATARYA MEMORIAL SCHOOL

Affiliated to ICSE New Delhi (Affiliation No. HA023)

Lt Atul Katarya Marg, Near Sheetla Mata Parisar, Gurgaon,

Ph. No. 0124-4238225, [akmsggn@rediffmail.com](mailto:akmsggn@rediffmail.com), [www.akmsggn.com](http://www.akmsggn.com)



**SYLLABUS FOR 2017-2018**

**CLASS- X**

**SUBJECT: ENGLISH LANGUAGE**

**FIRST TERM (MARCH - SEPTEMBER)**

<b>MONTH</b>	<b>TOPICS TO BE COVERED</b>
March- April	Composition: Descriptive Letter : Editor, Informal Comprehension : Unseen passage to be solved Grammar : Tenses, Preposition, Reported Speech and Degree of Comparison
May	Composition: Argumentative Letter : Complaint, Informal Comprehension : Unseen passage to be solved Grammar : Voice, Synthesis, Preposition, Tenses
July	Composition: Picture Composition, Narrative Letter : Apology(Formal/Informal) Comprehension : Unseen passage to be solved Grammar : Replacing Parts of Speech , Simple, Complex & Compound Sentences
August	Composition: Descriptive , Proverbs Letter : Editor , Informal Comprehension : Unseen passage Grammar : Question Tags, Synthesis (Conjunctions), Preposition, Tenses
September	Revision

Cycle Test I                      Comprehension, Letter to Editor, Tenses, Prepositions, Transformation

Cycle Test II                      Comprehension, Letter: Complaint/Informal , Synthesis, Prepositions, Tenses, Composition

First Term                              Comprehension, Composition, Letter  
Grammar : Preposition, Tenses, Synthesis, Transformation

**FINAL TERM (OCTOBER – MARCH)**

<b>MONTH</b>	<b>TOPICS TO BE COVERED</b>
October	Composition: Different patterns from test papers Letter : From the Essay Book Comprehension : Self - Study

	Grammar : All four types(Test papers)
November	Composition: From the Essay Book Letter : Editors Comprehension : Self - Study Grammar : Revision (All Types)
December	Preboard – I
January	Preboard – II
February	Revision

**SUBJECT: ENGLISH LITERATURE**

**FIRST TERM (MARCH - SEPTEMBER)**

MONTH	TOPICS TO BE COVERED
March-April	Play : Act III, Sc.(I),(II) & (III) Poetry : A Psalm of Life Prose : India's Heroes (Revision)
May	Play : Act III, Sc.(IV) & (V) Prose : Princess September Poetry : Where the Mind is without Fear
July	Play : Act IV, Sc.(I) & (II) Prose : Journey by Night (Revision) Poetry : The Inchcape Rock(Revision)
August	Play : Act V (till the end) Prose : Hunger, Lost Dollar (Revision) Poetry : In the Bazzars of Hyderabad, Small Pain in my chest
September	Revision

Cycle Test I                      Act: III -Sc. I , II  
Poetry : A Psalm of Life, Where the Mind is without Fear  
Prose : India's Heroes, Princess September

Cycle Test II                      Act : III, Sc. III,IV,V  
Poetry: The Inchcape Rock, In the Bazzars of Hyderabad  
Prose : Journey By Night / Hunger

First Term                      Act III, IV & V  
Prose : My Lost Dollar, God Lives in the Punch, The Last Leaf, The Kabuliwala

Poetry : Small Pain in My Chest, The Professor,  
Stopping by woods on a Snowy Evening, A Doctor's  
Journal Entry

**FINAL TERM (OCTOBER - MARCH)**

<b>MONTH</b>	<b>TOPICS TO BE COVERED</b>
October	Play : Act I, Sc.(i),(ii) & (iii) (Revision) Poetry : If Those must Love me/ I Believe/ A Psalm of Life Prose : The Bet, The Tiger in the Tunnel, Princess September
November	Play : Act II, Sc. I - IX (Revision) Poetry : L-1 - 7 Prose : L- 1 – 6
December	Preboard –I
January	Preboard – II
February	Revision

**SUBJECT: MATHS**

**FIRST TERM (MARCH - SEPTEMBER)**

<b>MONTH</b>	<b>TOPICS TO BE COVERED</b>
March-April	Ch-7 Ratio and Proportion Ch-10 Reflection Ch-9 Geometric Progression Ch-22 Probability Ch-1 Value added Tax Ch-11 Section formula Ch-17 Mensuration
May	Ch-12 Equation of Straight Line Ch-15 Circles Ch-14 Locus Ch-5 Word Problem on quadratic equation
July	Ch-18 Trigonometric Identities Ch-16 Construction Ch-20 Heights and Distance
August	Revision

September	First Term Exams
-----------	------------------

Cycle Test I                      Ch-7 Ratio and Proportion  
 Ch-9 Geometric Progression  
 Ch-22 Probability

Cycle Test II                      Ch-12 Equation of a Straight Line  
 Ch-1 Value added Tax  
 Ch-17 Mensuration

First Term                      Whole Syllabus ( Ch-1 to Ch-22 )

**FINAL TERM (OCTOBER - MARCH)**

MONTH	TOPICS TO BE COVERED
October	Revision of Syllabus
November	Pre board-I
December	Revision
January	Pre board-II
February	Revision

**SUBJECT: Physics**

**FIRST TERM (MARCH - SEPTEMBER)**

MONTH	TOPICS TO BE COVERED
<b>March-April</b>	Ch-7 :Sound Ch-8: Current Electricity Ch-9: Electrical Power and Household Circuits
<b>May</b>	Ch-11 Calorimetry Ch-12 Thermionic Emission and Radioactivity
<b>July</b>	Ch-6 Spectrum Ch-10 Electromagnetism
<b>August</b>	Revision
<b>September</b>	First term

Cycle Test I                      Ch-7 Sound  
 Ch-8 Current Electricity

Cycle Test II                      Ch-9: Electrical Power and Household Circuits  
 Ch-11 Calorimetry

Ch-12 Thermionic Emission and Radioactivity

**First Term**

Ch-1 to Ch-12

**FINAL TERM (OCTOBER - MARCH)**

<b>MONTH</b>	<b>TOPICS TO BE COVERED</b>
<b>October</b>	Chapter wise Revision
<b>November</b>	Revision Preboard-I
<b>December</b>	Revision Model test paper will be solved
<b>January</b>	Preboard-II
<b>February</b>	Revision

**SUBJECT: Chemistry**

**FIRST TERM (MARCH - SEPTEMBER)**

<b>MONTH</b>	<b>TOPICS TO BE COVERED</b>
<b>March-April</b>	HCl, NH <sub>3</sub> , HNO <sub>3</sub> , H <sub>2</sub> SO <sub>4</sub>
<b>May</b>	Mole Concept and Stoichiometry
<b>July</b>	Acids, Bases and Salts
<b>August</b>	Organic Chemistry 12, A, B Revision
<b>September</b>	First Term Examination

**Cycle Test I**

HCl, NH<sub>3</sub>

**Cycle Test II**

H<sub>2</sub>SO<sub>4</sub>, Mole Concept

**First Term**

Whole Syllabus

**FINAL TERM (OCTOBER - MARCH)**

<b>MONTH</b>	<b>TOPICS TO BE COVERED</b>
<b>October</b>	Revision Of Syllabus
<b>November</b>	Model Test Papers
<b>December</b>	Model Test Papers
<b>January</b>	Model Test Papers
<b>February</b>	Model Test Papers

**SUBJECT: Biology**

**FIRST TERM (MARCH - SEPTEMBER)**

<b>MONTH</b>	<b>TOPICS TO BE COVERED</b>
<b>March-April</b>	Ch-7 The Circulatory System Ch-10 The Endocrine System
<b>May</b>	Ch-8 The Excretory System Ch-9 The Nervous System
<b>July</b>	Ch-11 The Reproductive System
<b>August</b>	Revision
<b>September</b>	First Term

**Cycle Test I** Ch-7 The Circulatory System

**Cycle Test II** Ch-8 The Excretory System  
Ch-10 The Endocrine System

**First Term** Whole Syllabus

**FINAL TERM (OCTOBER - MARCH)**

<b>MONTH</b>	<b>TOPICS TO BE COVERED</b>
<b>October</b>	Revision
<b>November</b>	Preboard-I
<b>December</b>	Revision
<b>January</b>	Preboard-II
<b>February</b>	-

**SUBJECT : GEOGRAPHY**

**FIRST TERM (MARCH - SEPTEMBER)**

<b>MONTH</b>	<b>TOPICS TO BE COVERED</b>
March – April	Ch-7 Soils in India Ch-8 Natural Vegetation of India Ch-9 Water Resources
May	Ch-10 Mineral Resources of India Ch-12 Major Industries of india (Agro and Mineral based Industries)
July	Ch-11 Agriculture in India Ch-13 Transport Ch-15 Sources of Waste Ch-16 Impact of waste Accumulation and Need for waste Management

August	Ch-16 Continue Revision
September	Revision

Cycle Test I                      Ch-7 Soils in India  
    Ch-8 Natural Vegetation of India  
    Map- Soil and Plains in India

Cycle Test II                      Ch-9 Water Resources  
    Ch-10 Mineral Resources of India  
    Map- Rivers, Water bodies and Minerals

First Term                              Whole Syllabus

**FINAL TERM (OCTOBER - MARCH)**

MONTH	TOPICS TO BE COVERED
October	Ch-17 Safe Disposal of Waste Ch-18 Participation in waste Management
November	Revision
December	Revision
January	Revision
February	Revision

**SUBJECT: HISTORY & CIVICS**

**FIRST TERM (MARCH - SEPTEMBER)**

MONTH	TOPICS TO BE COVERED
March-April	Ch-1(C) The Union Parliament Ch-5(H) Factors leading to the Formation of the Muslim League Ch-6(H) National Movement during the First world War: Lucknow Pact and other Developments.
May	Ch-7(H) National Movement(1919-1934) Ch-2(C) The Union Executive(President and Vice President) Ch-3(C) The Union Executive(PM and Council of



	Ministers)
July	Ch-8 (H) The Cripps Mission and the Quit India Movement Ch-9(H) Sub has Chandra Bose, Forward Bloc and the Indian National Army Ch-10(H) Independence and Partition of India
August	Ch-11(H) The First World War(1914-1918) Ch-12(H) Rise of Dictatorships: Fascism in Italy and Nazism in Germany
September	Revision

Cycle Test I Ch-1(C) The Union Parliament  
Ch-5(H) Factors leading to the Formation of the Muslim League

Cycle Test II Ch-7(H) National Movement(1919-1934)  
Ch-2(C) The Union Executive(President and Vice President)

First Term **History:** The First War of Independence , Factors leading to Growth of Nationalism, Early Nationalists(Moderates), Assertives and Partition of Bengal, Muslim League, Lucknow Pact, National Movement(1919-1934), Cripps Mission : Quit India Movements, INA, Partition of India.  
History: Ch-1 to Ch-10  
**(Complete Civics)** – Union Parliament, Union Executive(President and Vice President ) Union Executives(PM and Council of Ministers), The Supreme Court, High Court and The Subordinate Courts

### FINAL TERM (OCTOBER - MARCH)

MONTH	TOPICS TO BE COVERED
October	Ch-13 The Second World War(1939-1945) Ch-14 United Nations Organisation : Origin, Objectives and the Principal Organs
November	Revision

December	Revision
January	Revision
February	Revision

**SUBJECT: COMPUTER**

**FIRST TERM (MARCH - SEPTEMBER)**

<b>MONTH</b>	<b>TOPICS TO BE COVERED</b>
March-April	Ch-6 Iteration Through Loops Ch-7 Using Library Classes
May	Ch-9 Array Ch- 11 Functions/ Methods
July	Ch- 11 Functions/ Methods Ch-10 Basic Input /Output
August	Ch-8 String Manipulation in Java
September	First term Examination

Cycle Test I            Ch-6 Iteration Through Loops  
Ch-7 Using Library Classes

Cycle Test II        Ch-6 Iteration Through Loops  
Ch-9 Array  
Ch- 11 Functions/ Methods

First Term            Ch - 1 to Ch – 11

**FINAL TERM (OCTOBER - MARCH)**

<b>MONTH</b>	<b>TOPICS TO BE COVERED</b>
October	Ch- 12 Classes as a user defined type Ch-13 Constructors Ch-14 Encapsulation and Inheritance
November	Revision + Pre Board I
December	Revision
January	Pre Board-II
February	Revision

**SUBJECT: Physical Education**

**FIRST TERM (MARCH - SEPTEMBER)**

<b>MONTH</b>	<b>TOPICS TO BE COVERED</b>
March- April	Sec-A Community Health(First aid) Sec-B Basketball/Handball
May	Sec-A Diseases and defects Sec-B Volleyball/Football
July	Sec-A Diseases and defects(Revision) Sec-B Cricket
August	Sec-A Personal Health(Revision) Sec-B Cricket/Volleyball(Revision)
September	Revision

Cycle Test I	Sec-A Lesson – 1/3 Sec-B B-H-V-F
Cycle Test II	Sec-A 1-2-3 Sec-B 5 Game(Any two Given)
First Term	Sec-A 1-2-3 Sec-B 5 Game(Any two Given)

**FINAL TERM (OCTOBER - MARCH)**

<b>MONTH</b>	<b>TOPICS TO BE COVERED</b>
October	Sec-A – Lesson-2 Revision Diagram Pra –Sec-B
November	Sec-A Lesson1-3 Revision Preboard Exam
December	Discuss Physical Education Syllabus(Out of Syllabus also discuss)
January	Preboard Exam
February	Discussion Question-Answer other physical education book

कक्षा - दसवीं

विषय - हिन्दी

पुस्तक का नाम- साहित्य सागर

पुस्तक का नाम- सरस हिन्दी व्याकरण

मार्च-अप्रैल

पाठ -9 चलना हमारा काम है, पाठ -7 संदेह, पाठ -10 मातृ मंदिर की ओर, निबंध-लेखन, पत्र-लेखन, मुहावरे, संज्ञा-निर्माण, साखी, कुंडलियाँ, बात अठन्नी की, महायज्ञ का पुरस्कार, काकी आदि की पुनरावृत्ति

मई

नेता जी का चश्मा, अपना-अपना भाग्य, स्वर्ग बना सकते हैं, वह जन्मभूमि मेरी, मेघ आए, विशेषण -निर्माण, वाक्य - रूपान्तरण, निबंध-लेखन, पत्र-लेखन

जुलाई

बड़े घर की बेटी, संदेह, सूर के पद, विनय के पद, भिक्षुक, जामुन का पेड़, विलोम शब्द, पर्यायवाची, कहानी-लेखन, पत्र-लेखन अगस्त भेड़ें और भेड़िए , दो कलाकार, चलना हमारा काम है, मातृ मंदिर की ओर, पत्र-लेखन, व्यावहारिक व्याकरण, पुनरावृत्ति

सितंबर

पुनरावृत्ति अर्धवार्षिकी परीक्षा

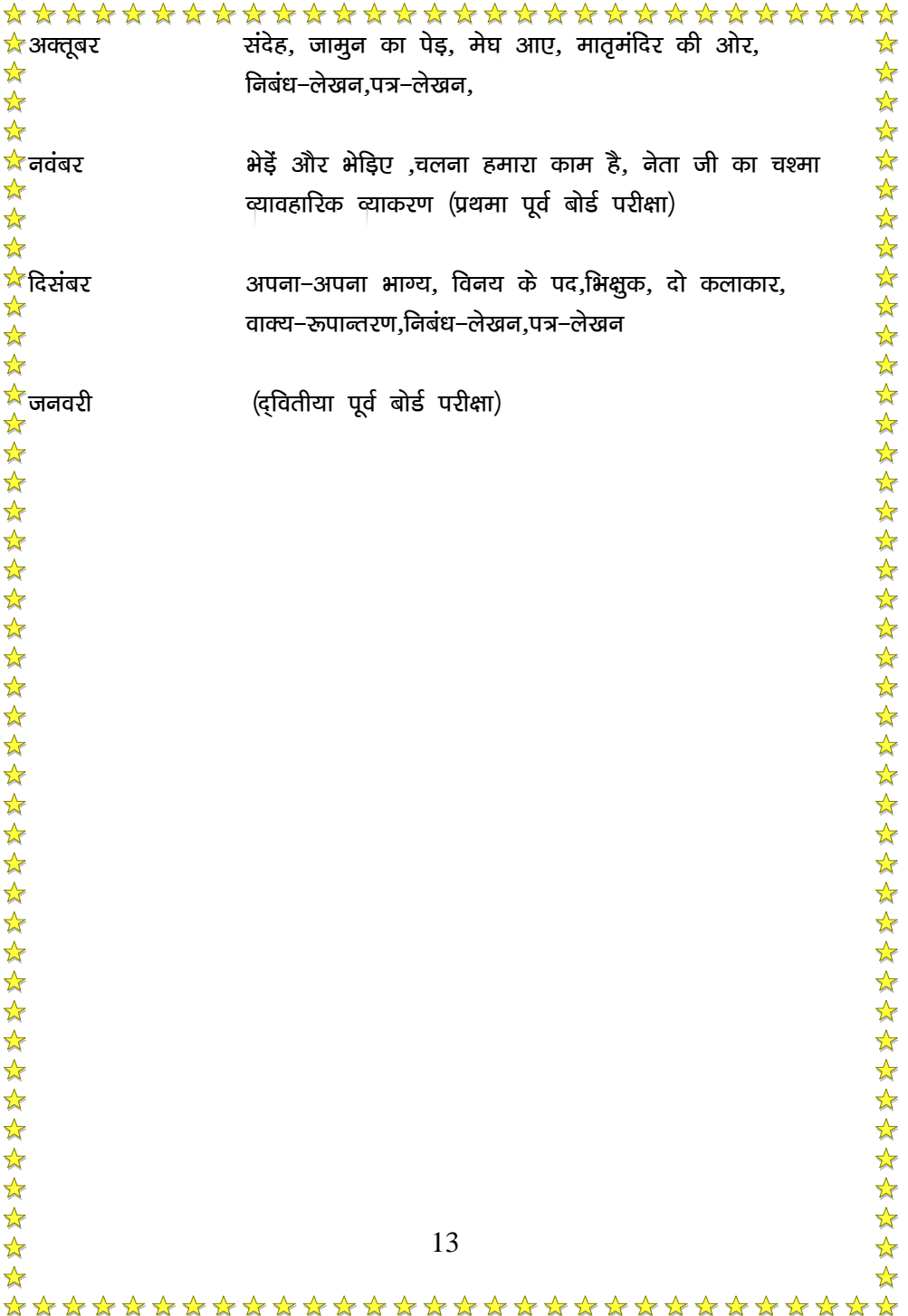
**प्रथमा इकाई परीक्षा पाठ्यचर्या**

चलना हमारा काम है, संदेह, मातृमंदिर की ओर, कुंडलियाँ, पत्र-लेखन पर्यायवाची, विलोम शब्द

**द्वितीया इकाई परीक्षा पाठ्यचर्या**

नेता जी का चश्मा, अपना-अपना भाग्य, स्वर्ग बना सकते हैं, मेघ आए, विशेषण -निर्माण, भाववाचक संज्ञा निर्माण, अनुच्छेद-लेखन

**अर्धवार्षिकी परीक्षा - नवीं और दसवीं में पढ़ाया गया समस्त पाठ्यक्रम**



अक्टूबर

संदेह, जामुन का पेड़, मेघ आए, मातृमंदिर की ओर,  
निबंध-लेखन, पत्र-लेखन,

नवंबर

भेड़ें और भेड़िए ,चलना हमारा काम है, नेता जी का चश्मा  
व्यावहारिक व्याकरण (प्रथमा पूर्व बोर्ड परीक्षा)

दिसंबर

अपना-अपना भाग्य, विनय के पद, भिक्षुक, दो कलाकार,  
वाक्य-रूपान्तरण, निबंध-लेखन, पत्र-लेखन

जनवरी

(द्वितीया पूर्व बोर्ड परीक्षा)