

LT ATUL KATARYA MEMORIAL SCHOOL

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SYLLABUS FOR 2017-2018

CLASS- 9

SUBJECT: ENGLISH LANGUAGE

FIRST TERM (MARCH - SEPTEMBER)

MONTH	TOPICS TO BE COVERED
March- April	Composition – Descriptive Comprehension – Pg 58 Letter – Editor (Formal) Grammar – Tenses, Prepositions, Reported Speech, Notices
May	Composition – Narrative Comprehension – Pg 83 Letter – Informal Grammar – Prepositions, E mail Transformation (Voice, No sooner..., As soon as..., too... to, not only.....but also)
July	Composition – Argumentative Comprehension – Pg 91 Letter – Regret / Complain (Formal) Grammar – Degrees of comparison, changing parts of speech, Question tags, Prepositions.
August	Composition – Based on Proverb/ Story writing Comprehension – Pg 107 Letter – Apology (F/I) Grammar – Synthesis (All types) , Prepositions, Transformation – Tenses, (Conditional Sentences)
September	Revision

Cycle Test I Comprehension, Letter – Editor (F), Prepositions, Tenses, Notices, Transformation – Reported speech, use of too.....to,.....so.....that

Cycle Test II Comprehension, Letter– Informal, Prepositions, Transformation – voice, No sooner --- as soon as, In spite of despite, E mail

First Term Compositions – (All types), Comprehension, Letters (F/I), Notices, E mails, Tenses, Prepositions, Transformation of sentences, Synthesis (All types)

FINAL TERM (OCTOBER – MARCH)

MONTH	TOPICS TO BE COVERED
October	Composition – Social Topics Comprehension – Pg 137 Letters – Formal (Application) Grammar – Synthesis, Transformation of sentences, Prepositions
November	Composition – Picture Comprehension – Pg 227 Letter – (F/I) Grammar – Simple, Complex, Compound Sentences, Prepositions, Tenses
December	Composition – Narrative Comprehension – Pg 243 Letters – (F/I) Grammar – Transformation of sentences, Tenses, Prepositions, Synthesis
January	Revision
February	Final Term Examination

- Cycle Test III Comprehension, Letter – Complaint (Formal),
Prepositions, Synthesis, Tenses
- Cycle Test IV Composition, Tenses, Prepositions, Transformation of
sentences
- Final Term Comprehension, Composition, Letters (F/I), Preposition,
Notices, E-mails, Synthesis, Transformation of
sentences, Tenses.

SUBJECT: ENGLISH LITERATURE

FIRST TERM (MARCH - SEPTEMBER)

MONTH	TOPICS TO BE COVERED
March-April	Drama – The Merchant of Venice – Act- I, Sc-1 Prose – L1 – Chief Seattle’s Speech Poem – L1 – The Heart of the Tree, L2 – The Cold Within
May	Drama –Act – I, Sc-2 Prose – L2 - Old Man at the Bridge, L3 – A Horse and Two Goats Poem - L3 – The Bangle Sellers – Sarojini Naidu
July	Drama – Act – I, Sc – 3 Prose – L4 – Hearts and Hands Poem – L4 – After Blenheim
August	Drama – Act – II , Sc – I , II Prose – L5 – A Face in the Dark Poem – L5 – Television
September	Revision

Cycle Test I Drama – Act –I, Sc-1
Prose – L1 – Chief Seattle’s Speech
Poem – L1 – The Heart of the Tree

Cycle Test II Drama –Act – I, Sc-2
Prose – L2 - Old Man at the Bridge
Poem – L2 – The Cold Within

First Term Drama – Act I, Sc – 1,2,3
Prose - L1 – Chief Seattle’s Speech
L2 - Old Man at the Bridge
L3 – A Horse and Two Goats
L4 – Hearts and Hands
L5 – A Face in the Dark
Poem – L1 – The Heart of the Tree
L2 – The Cold Within
L3– The Bangle Sellers
L4 – After Blenheim
L5 – Television

FINAL TERM (OCTOBER - MARCH)

MONTH	TOPICS TO BE COVERED
October	Drama – Act II, Sc-3 , 4 Prose – L6 – An Angel in Disguise Poetry – L6 – Daffodils
November	Drama – Act II , Sc -5, 6 Prose – L7 – The Little Match Girl Poetry – L7 – I Know Why the Caged Bird Sings
December	Drama – Act II, Sc – 7 , 8 Prose – L8 – The Blue Bead Poetry – L8 – The Patriot
January	Drama – Act II, Sc – 9 Prose – L9 – My Greatest Olympic Prize
February	Revision / Final Exams

Cycle Test III Drama – Act II, Sc-3 , 4
Prose – L6 – An Angel in Disguise
Poetry – L6 – Daffodils

Cycle Test IV Drama – Act II , Sc -5, 6
Prose – L7 – The Little Match Girl
Poetry – L7 – I Know Why the Caged Bird Sings

Final Term Entire syllabus for the term.

SUBJECT: MATHS

FIRST TERM (MARCH - SEPTEMBER)

MONTH	TOPICS TO BE COVERED
March-April	Ch-1 Rational Numbers Ch-2 Compound Interest Ch-4 Factorisation Ch-5 Simultaneous Linear Equation Ch-18 Co-ordinate Geometry
May	Ch-6 Problems on simultaneous Linear Equations Ch-15 Mensuration (Circles + Cube / Cuboid) Ch-16 Trigonometric Ratios
July	Ch-17 Trigonometric ratios of some standard angles Ch-14 Circles
August	Ch-10 Mid point theorem + Revision of first term
September	First Term Exam Begins

Cycle Test I Ch-1 Rational Numbers
Ch-2 Compound Interest

Cycle Test II Ch-6 Problems on simultaneous Linear Equations
Ch-15 Mensuration (Circles)
Ch-18 Co-ordinate Geometry

First Term Ch-1 Rational Numbers
Ch-2 Compound Interest
Ch-4 Factorisation
Ch-6 Problems on simultaneous Linear Equations
Ch -14 Circles
Ch-15 Mensuration (Circles + Cube / Cuboid)
Ch-16 Trigonometric Ratios
Ch-17 Trigonometric ratios of some standard angles
Ch-18 Co-ordinate Geometry

FINAL TERM (OCTOBER - MARCH)

MONTH	TOPICS TO BE COVERED
October	Ch-2 Banking Ch-4 Linear Inequalities
November	Ch-3 Shares and Dividend Ch-5 Quadratic Equation in one variable (Except Ex 5.5) Ch-6 Factorisation Ch-9 Arithmetic Progression
December	Ch-21 Measure of central tendency Ch-13 Similarity Ch-8 Matrices
January	Revision of Syllabus
February	Final Term Examination

Cycle Test III Ch-2 Banking
Ch-3 Shares and dividend
Ch-4 Linear inequalities

Cycle Test IV Ch-5 Quadratic equation in one variable
Ch-6 Factorisation
Ch-9 Arithmetic Progression

Final Term Ch-2 Banking
Ch-3 Shares and dividend
Ch-4 Linear inequalities
Ch-5 Quadratic equation in one variable
Ch-6 Factorisation
Ch-8 Matrices
Ch-9 Arithmetic Progression
Ch-13 Similarity
Ch-21 Measure of central tendency

SUBJECT: PHYSICS

FIRST TERM (MARCH - SEPTEMBER)

MONTH	TOPICS TO BE COVERED
March-April	Ch-9 Current Electricity Ch-2 Motion in one dimension (A,B)
May	Ch-2 Motion in one dimension (C) Ch-3 Laws of motion (A,B,C)
July	Ch-3 Laws of motion (D, E) Ch-7 Reflection of Light
August	Ch-8 Sound Revision
September	First Term Examination

Cycle Test I Ch-9 Current Electricity
Ch-2 Motion in one dimension (A,B)

Cycle Test II Ch-2 Motion in one dimension (C)
Ch-3 Laws of motion (A,B,C)

First Term Ch-2 Motion in one dimension
Ch-3 Laws of motion
Ch-7 Reflection of Light
Ch-8 Sound
Ch-9 Current Electricity

FINAL TERM (OCTOBER - MARCH)

MONTH	TOPICS TO BE COVERED
October	Ch-4 Refraction of light at plane mirror(A,B,C,D)
November	Ch-5 Refraction through a lens (A,B,C) Ch-1 Force (A,B)
December	Ch-1 Force (C, D) Ch-2 Work, Energy and Power (A, B, C,D)
January	Ch-3 Machine (A, B) Revision
February	Revision

Cycle Test I Ch-1 The Cell
Ch-3 Tissues – Plant and Animal Tissues

Cycle Test II Ch-17 Aids to Health
Ch-14 The Respiratory System

First Term Ch-1 The Cell
Ch-3 Tissues – Plant and Animal Tissues
Ch-5 Pollination and Fertilization
Ch-14 The Respiratory System
Ch-17 Aids to Health

FINAL TERM (OCTOBER - MARCH)

MONTH	TOPICS TO BE COVERED
October	Transpiration Photosynthesis Chemical coordination in Plants
November	Absorption of water by roots Cell Division
December	Genetics Population Pollution
January	Human Evolution
February	Final Term Examination

Cycle Test III Transpiration
Population

Cycle Test IV Cell Division
Photosynthesis

Final Term Absorption of water by roots
Photosynthesis + Chemical Coordination in plants
Transpiration
Cell Division
Genetics

SUBJECT: Geography

FIRST TERM (MARCH - SEPTEMBER)

MONTH	TOPICS TO BE COVERED
March – April	Ch-13 Pressure Belts and Types of Winds Ch-14 Humidity Map Work – Rivers and Water Bodies of India
May	Ch-15 Pollution and its sources Ch-16 Effect of Pollution Map – Mountains and Hills, Towns , Minerals , Passes, Plateaus
July	Ch-17 Preventive Measures of pollution Map, Population Distribution, 1st and Tropic of cancer, Soils, Plains
August	Revision
September	Revision

Cycle Test I Ch-13 Pressure Belts and Types of Winds
Ch-14 Humidity
Map Work – Rivers and Water Bodies of India

Cycle Test II Ch-15 Pollution and its sources
Ch-16 Effect of Pollution
Map – Mountains and Hills, Towns , Minerals ,
Passes, Plateaus

First Term Ch-13 Pressure Belts and Types of Winds
Ch-14 Humidity
Ch-15 Pollution and its sources
Ch-16 Effect of Pollution
Ch-17 Preventive Measures of pollution
Maps of India

FINAL TERM (OCTOBER - MARCH)

MONTH	TOPICS TO BE COVERED
October	Ch-1 Understanding Maps Ch-2 Topographical Maps
November	Ch-3 River Drainage Patterns Ch-4 Interpretation of Topographical Maps
December	Ch-6 Climate of India Ch-7 Soils in India
January	Revision
February	Revision

Cycle Test III Ch-1 Understanding Maps
Ch-2 Topographical Maps

Cycle Test IV Ch-3 River Drainage Patterns
Ch-4 Interpretation of Topographical Maps

Final Term Ch-1 Understanding Maps
Ch-2 Topographical Maps
Ch-3 River Drainage Patterns
Ch-4 Interpretation of Topographical Maps
Ch-5 Maps of India
Ch-6 Climate of India
Ch-7 Soils in India

SUBJECT: HISTORY & CIVICS

FIRST TERM (MARCH - SEPTEMBER)

MONTH	TOPICS TO BE COVERED
March-April	Ch-1 (C) Our Constitution and its Preamble and Features of Indian Constitution Ch-2 (H) Early Vedic Civilization
May	Ch-3 (C) Election and Election Commission Ch-3 (H) The later Vedic Age Ch-1 (H) Harappan Civilization
July	Ch-1 (H) Harappan Civilization Contd. Ch-2 (C) Fundamental Rights and Duties and

	Directive Principles of State Policy
August	Ch-2 (C) Fundamental Rights and Duties and Directive Principles of State Policy
September	Revision

Cycle Test I Ch-1 (C) Our constitution and its preamble
Ch-2 (H) Early Vedic Civilization

Cycle Test II Ch-3 (C) Election and Election Commission
Ch-3 (H) The later Vedic Age

First Term Ch-1 (C) Our Constitution and its Preamble and features of Indian Constitution
Ch-2 (C) Fundamental Rights and Duties and Directive Principles of State Policy
Ch-3 (C) Election and Election Commission
Ch-1 (H) Harappan Civilization
Ch-2 (H) Early Vedic Civilization
Ch-3 (H) The later Vedic Age

FINAL TERM (OCTOBER - MARCH)

MONTH	TOPICS TO BE COVERED
October	Ch-1 (H) The First War of Independence Ch-4 (C) The Supreme Court (Union Judiciary)
November	Ch-5 (C) The High Court (State Judiciary) Ch-6 (C) The Subordinate Courts Ch-2 (H) Factors promoting Nationalism and Foundation of the Indian National Congress
December	Ch-3 (H) Objectives and Methods of Struggle of the Early Nationalists Ch-4 (H) Second Phase of the Indian National Movement, Partition of Bengal and other Developments
January	Revision
February	Revision

Cycle Test III Ch-1 (H) The First War of Independence
Ch-4 (C) The supreme court

Cycle Test IV Ch-2 (H) Factors promoting Nationalism and Foundation of the Indian National Congress
Ch-5 (C) The High Court

Final Term Ch-1 (H) The First War of Independence
Ch-2 (H) Factors promoting Nationalism and Foundation of the Indian National Congress
Ch-3 (H) Objectives and Methods of Struggle of the Early Nationalists
Ch-4 (H) Second Phase of the Indian National Movement, Partition of Bengal and other Developments
Ch-4 (C) The supreme court
Ch-5 (C) The High Court
Ch-6 (C) The Subordinate Courts

SUBJECT: COMPUTER

FIRST TERM (MARCH - SEPTEMBER)

MONTH	TOPICS TO BE COVERED
March-April	Ch-4 First Program in C++ Ch-5 C++ variables and standard I/O stream Ch-6 Understanding operators in C++
May	Ch-6 Understanding operators in C++ Ch-7 Decision Making in C++ Ch-8 Control Structures in C++
July	Ch-1 Object Oriented Programming (JAVA) Ch-2 History and Development of JAVA
August	Ch-3 Concept of data types in JAVA Ch-4 Operators and Expressions in JAVA
September	Revision

Cycle Test I Ch-4 First Program in C++
Ch-5 C++ variables and standard I/O stream
Ch-6 Understanding operators in C++

Cycle Test II Ch-7 Decision Making in C++
Ch-8 Control Structures in C++
Ch-1 Object Oriented Programming (JAVA)

First Term Ch-4 First Program in C++
 Ch-5 C++ variables and standard I/O stream
 Ch-6 Understanding operators in C++
 Ch-7 Decision Making in C++
 Ch-8 Control Structures in C++
 Ch-1 Object Oriented Programming (JAVA)
 Ch-2 History and Development of JAVA
 Ch-3 Concept of data types in JAVA
 Ch-4 Operators and Expressions in JAVA

FINAL TERM (OCTOBER - MARCH)

MONTH	TOPICS TO BE COVERED
October	Ch-4 Operators and expressions in JAVA Ch-5 General programming and decision making in JAVA
November	Ch-5 General Programming and decision making in JAVA Ch- 6 Iteration through loops
December	Ch- 6 Iteration through loops Ch-7 Using Library Classes
January	Revision
February	Revision

Cycle Test III Ch-4 Operators and expressions in JAVA
 Ch-5 General programming and decision making in JAVA

Cycle Test IV Ch- 6 Iteration through loops
 Ch-7 Using Library Classes

Final Term Ch-4 Operators and expressions in JAVA
 Ch-5 General programming and decision making in JAVA
 Ch- 6 Iteration through loops
 Ch-7 Using Library Classes
 Ch-1 Object Oriented Programming (JAVA)

Ch-2 History and Development of JAVA
Ch-3 Concept of data types in JAVA
Ch-4 Operators and Expressions in JAVA

SUBJECT: PHYSICAL EDUCATION

FIRST TERM (MARCH - SEPTEMBER)

MONTH	TOPICS TO BE COVERED
March- April	Sec A – Basic Organisation of body Sec B – Basket Ball / Volley Ball
May	Sec A – Movement and Support Sec B – Volley Ball
July	Sec A – Respiration Sec B – Volley Ball
August	Sec A – Nutrition Sec B – Hand Ball
September	Revision

Cycle Test I Lesson 1 and Lesson 2
 Sec B – Basket Ball and Volley Ball

Cycle Test II Lesson 1,2,3
 Game Basket Ball, Volley Ball, Hand Ball
 (Attempt any two)

First Term Lesson 1,2,3,4
 Game Basket Ball , Volley Ball Hand Ball

FINAL TERM (OCTOBER - MARCH)

MONTH	TOPICS TO BE COVERED
October	Sec A – Personal Health
November	Sec A – Personal Health Sec B – Revision of Hand Ball, Volley Ball, Basket Ball
December	Sec A – First Aid and Community health and First Aid Sec B –Foot Ball
January	Sec A – Revision 1,3 Sec B – Revision Game (Basket Ball, Volley

	Ball, Hand Ball)
February	Sec A – Lesson 3 (Revision) Sec B – Game Diagram Practice

Cycle Test III	Lesson 1 - Personal Health Game - Basket Ball, Volley Ball, Hand Ball
Cycle Test IV	Lesson 1 , 3 (Half) Game - Basket Ball, Volley Ball, Hand Ball
Final Term	Lesson 1 and 3 (Half) Game – Basket Ball, Volley Ball, Hand Ball, Foot Ball

पाठ्यचर्या - विभाजन

कक्षा-नवमी

विषय - हिंदी

मास का नाम

पाठ्य- विषय-विवरण

मार्च-अप्रैल

साखी, बात अठन्नी की, काकी मुहावरे संज्ञा-निर्माण,
पत्र-लेखन, निबंध-लेखन परियोजना कार्य

मई

गरिधर की कुंडलियाँ, महायज्ञ का पुरस्कार,स्वर्ग बना सकते हैं
विशेषण-निर्माण, वाक्य संशोधन, निबंध-लेखन चित्र-वर्णन

जुलाई

नेता जी का चश्मा, अपना-अपना भाग्य, वह जन्मभूमि मेरी
अपठित गद्यांश,पत्र-लेखन,अनेक शब्दों के लिए एक शब्द,वाच्य,
निबंध-लेखन

अगस्त

मेघ आए,कहानी-लेखन,वाक्य व्यवस्था,पत्र-लेखन,विलोम शब्द,

पर्यायवाची शब्द, पुनरावृत्ति

सितंबर

पुनरावृत्ति,अर्धवार्षिकी परीक्षा

प्रथमा इकाई परीक्षा पाठ्यचर्या

साखी,बात अठन्नी की, गिरधर की कुंडलियाँ, काकी संज्ञा-निर्माण,मुहावरे, पत्र-लेखन

द्वितीया इकाई परीक्षा पाठ्यचर्या

महायज्ञ का पुरस्कार, नेता जी का चश्मा,स्वर्ग बना सकते हैं, वह जन्मभूमि मेरी,

विशेषण-निर्माण,पर्यायवाची, अनुच्छेद- लेखन

अर्धवार्षिकी परीक्षा पाठ्यचर्या

साखी, गिरधर की कुंडलियाँ,स्वर्ग बना सकते हैं, वह जन्मभूमि मेरी, मेघ आए,बात

अठन्नी की,महायज्ञ का पुरस्कार,नेता जी का चश्मा,अपना-अपना भाग्य,संज्ञा-निर्माण,

विशेषण- निर्माण,वाक्य संशोधन,वाच्य,विलोम शब्द,पर्यायवाची,मुहावरे,लोकोक्तियाँ,

निबंध-लेखन,कहानी-लेखन,चित्र-वर्णन,पत्र- लेखन

द्वितीया सत्रीयापरीक्षा पाठ्यचर्या

अक्तूबर बड़े घर की बेटी, सूर के पद, पत्र-लेखन,वाक्य संशोधन,निबंध-लेखन

नवंबर विनय के पद,संदेह, निबंध-लेखन,वाच्य, पत्र-लेखन,भाववाचक

संज्ञा-निर्माण

दिसंबर भिक्षुक,जामुन का पेड़,विलोम शब्द,पर्यायवाची,चित्र वर्णन,पत्र-लेखन

जनवरी भेड़ें और भेड़िए,वाच्य,अनेक शब्दों के लिए एक शब्द, पुनरावृत्ति

फरवरी वार्षिकी परीक्षा पुनरावृत्ति

