

LT ATUL KATARYA MEMORIAL SCHOOL

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SYLLABUS FOR 2017-2018

CLASS- 8

SUBJECT: ENGLISH LANGUAGE

FIRST TERM (MARCH - SEPTEMBER)

MONTH	TOPICS TO BE COVERED
March- April	MCB : When I heard the Learn'd Astronomer (Prose) Composition: Descriptive Letters – Informal/ Formal, comprehension Tenses, Active – Passive Voice, Determiners(Grammar)
May	MCB: Extreme Weather (Prose) L-4 Composition – Narrative Letters- Formal/Informal, Comprehension, Notices Grammar: Phrase, Clause, Simple, Complex and Compound Sentences
July	MCB: Going for Water (Poem) Composition – Argumentative, E-mails Letters – (Formal/Informal), Comprehension Grammar: Prepositions, Transformation: if – unless, Adverb 'too----to', so----that, use of no sooner ----as soon as
August	MCB: B. wordsworth (Prose) L-8 Composition – Picture Letters (F/I), Comprehension Grammar: Synthesis of sentences Using Conjunctions, Participle, Prepositional phrase, absolute phrase, Infinitive
September	Revision

Cycle Test I Comprehension, Letter, Voice, Tenses, Determiners

Cycle Test II Comprehension, Composition , Phrase, Clauses, Simple , Complex, Compound Sentences, Prepositions

First Term Comprehension, Composition, Letters (Formal/ Informal), Notices, E-mails, Transformation of sentences: If, unless, too....to, so....that, no sooner....as soon as, Voices, Tenses, Prepositions, Synthesis of sentences using conjunctions, Infinitive, Prepositional Phrase, Participle, Determiners and absolute phrase, Simple, Complex and Compound sentences, phrases and clauses

FINAL TERM (OCTOBER – MARCH)

MONTH	TOPICS TO BE COVERED
October	MCB: Skimbles shanks: The Railway Cat(Poem) Composition, Letters, comprehension Grammar: Replacing parts of speech, Degrees of comparison
November	MCB: If(Poem) Composition, Letter (I/F), Comprehension Grammar: Phrasal verbs, Idioms, Proverbs, Reported Speech: (Assertive and Interrogative Sentences)
December	MCB: Twelfth Night (Or What you will) Composition, Letter (F), Comprehension Grammar: Reported speech: (Imperative and Exclamatory), Adverbs, messages
January	MCB: Marcia William’s Twelfth Night Composition, Letter(F/I), comprehension Grammar: Revision
February	Revision

Cycle Test III Comprehension, Composition, Letter (F),
Replacing parts of speech, Degrees of comparison,
Preposition

Cycle Test IV Comprehension, Letters(Informal), Composition,
Phrasal, verbs, Idioms, Reported Speech(Assertive
+ Interrogative), Tenses

Final Term Comprehension, Letter, Composition,
Transformation of sentences- if – unless, ‘Too-to’,
so – that, no sooner—as soon as, replacing parts of
speech, voice, reported speech, Degrees of
comparison, Synthesis of sentences using
conjunctions, Infinitive, Participle, Prepositional
Phrase, simple, complex, compound sentences,
Phrasal verbs, Idioms, Proverbs, Prepositions
Tenses, Adverbs, Messages, Emails and Notices

SUBJECT: ENGLISH LITERATURE

FIRST TERM (MARCH - SEPTEMBER)

MONTH	TOPICS TO BE COVERED
March-April	L-1 Where the Mind is without Fear (Poem) L-1 A Shot in the Dark (Prose) L-2 On the Grasshopper and cricket (Poem)
May	L-2 The Adventure of the Dying Detective (Prose) L-4 Homeless(Poem)
July	L-5 Dreaming of the Dawn Well (Prose) L-5 Last Lesson of the AfterNoon (Poem)
August	L-6 The West Wind (Poem) L-6 The Ant Lion (Prose)
September	Revision

Cycle Test I	L-1 Where the Mind is without Fear (Poem) L-1 A Shot in the Dark (Prose)
Cycle Test II	L-2 The Adventure of the Dying Detective (Prose) L-5 Last Lesson of the Afternoon(Poem) L-2 On the Grasshopper and cricket (Poem)
First Term	L-1 Where the Mind is without Fear (Poem) L-1 A shot in the Dark (Prose) L-2 On the Grasshopper and cricket (Poem) L-2 The adventure of the Dying Detective (Prose) L-4 Homeless(Poem) L-5 Dreaming of the Dawn Well (Prose) L-5 Last Lesson of the After Noon (Poem) L-6 The West Wind (Poem) L-6 The Ant Lion (Prose)

FINAL TERM (OCTOBER - MARCH)

MONTH	TOPICS TO BE COVERED
October	L-7 A Boy’s Best Friend (Prose)
November	L- 10 The Inchcape Rock (Poem) L-3 The World – Renowned Nose (Prose)

December	L-10 A Helpless Situation (Prose) L-9 Diary of a Nobody (Prose)
January	Revision
February	Revision

Cycle Test III L-7 A Boy's Best Friend (Prose)
L- 10 The Inchcape Rock (Poem)

Cycle Test IV L-3 The world – Renowned Nose (Prose)
L-10 A Helpless Situation (Prose)

Final Term L-7 A Boy's Best Friend (Prose)
L- 10 The Inchcape Rock (Poem)
L-3 The world – Renowned Nose (Prose)
L-10 A Helpless Situation (Prose)
L-9 Diary of a Nobody (Prose)
L-6 The West Wind (Poem)
L-4 Homeless(Poem)
L-6 The Ant Lion (Prose)

SUBJECT: MATHS

FIRST TERM (MARCH - SEPTEMBER)

MONTH	TOPICS TO BE COVERED
March-April	Ch-1 Rational Numbers Ch-2 Exponents and powers Ch-3 Square and square roots Ch-4 Cube and cube roots Ch-10 Algebraic Expressions and Identities
May	Ch-16 Symmetry, Reflection and Rotation Ch-19 Data Handling Ch-9 Direct and Inverse Variation Ch-6 Operations on sets; venn diagrams

July	Ch-13 Understanding Quadrilaterals Ch-12 Linear Equations and Inequalities in one variable
August	Ch-15 Circles Ch-17 Visualising Solid shapes Revision
September	First Term Exams

Cycle Test I

Ch-1 Rational Numbers
Ch-2 Exponents and powers
Ch-3 Square and square roots

Cycle Test II

Ch-9 Direct and Inverse Variation
Ch-10 Algebraic Expressions and Identities
Ch-13 Understanding Quadrilaterals

First Term

Ch-1 Rational Numbers
Ch-2 Exponents and powers
Ch-3 Square and square roots
Ch-4 Cube and cube roots
Ch-9 Direct and Inverse Variation
Ch-10 Algebraic Expressions and Identities
Ch-12 Linear Equations and Inequalities in one variable
Ch-13 Understanding Quadrilaterals
Ch-19 Data Handling

FINAL TERM (OCTOBER - MARCH)

MONTH	TOPICS TO BE COVERED
October	Ch-11 Factorisation
November	Ch-8 Simple and compound Interest Ch-7 Percentage and its applications
December	Ch-14 Construction of Quadrilaterals Ch-18 Mensuration Ch-5 Playing with numbers
January	Revision
February	Final Term Exams

Cycle Test III Ch-8 Simple and compound Interest
Ch-11 Factorisation
Ch-15 Circles

Cycle Test IV Ch-5 Playing with numbers
Ch-14 Construction of Quadrilaterals
Ch-18 Mensuration

Final Term Ch-1 Rational Numbers
Ch-5 Playing with numbers
Ch-6 Operations on sets; Venn diagrams
Ch-7 Percentage and its applications
Ch-8 Simple and Compound Interest
Ch-11 Factorisation
Ch-14 Construction of Quadrilaterals
Ch-15 Circles
Ch-18 Mensuration

SUBJECT: Physics

FIRST TERM (MARCH - SEPTEMBER)

MONTH	TOPICS TO BE COVERED
March-April	Ch-2 Refraction of light
May	Ch-5 Heat (A)
July	Ch-5 Heat (B)
August	Ch-3 Lenses
September	Revision

Cycle Test I Ch-2 Refraction of light

Cycle Test II Ch-5 Heat

First Term Ch-2 Refraction of light
Ch-3 Lenses
Ch-5 Heat

FINAL TERM (OCTOBER - MARCH)

MONTH	TOPICS TO BE COVERED
October	Ch-7 Pressure
November	Ch- Archimedes Principle
December	Ch- Electromagnet & Electromagnetic Induction
January	Revision
February	Revision

Cycle Test III Ch-7 Pressure

Cycle Test IV Ch – 13 Electromagnet & Electromagnetic Induction

Final Term Ch-7 Pressure
Ch-2 Refraction of light
Ch-13 Electromagnet & Electromagnetic Induction

Ch-8 Archimedes & Principle
Ch-3 Lenses

SUBJECT: Chemistry

FIRST TERM (MARCH - SEPTEMBER)

MONTH	TOPICS TO BE COVERED
March-April	Ch-4 Atomic Structure
May	Ch-5 Language of Chemistry
July	Ch-6 Chemical Reactions
August	Ch-6 Chemical Reactions Revision of First Term Syllabus
September	Revision of First Term Syllabus

Cycle Test I

Ch-4 Atomic Structure

Cycle Test II

Ch-6 Chemical Reactions

First Term

Ch-4 Atomic Structure
Ch-5 Language of Chemistry
Ch-6 Chemical Reactions

FINAL TERM (OCTOBER - MARCH)

MONTH	TOPICS TO BE COVERED
October	Ch-7 Hydrogen
November	Ch-8 Water
December	Ch-9 Carbon and its compounds

January	Revision of final term syllabus
February	Final Term Exams
Cycle Test III	Ch-7 Hydrogen
Cycle Test IV	Ch-9 Carbon and its compounds
Final Term	Ch-4 Atomic Structure Ch-5 Language of Chemistry Ch-7 Hydrogen Ch-8 Water Ch-9 Carbon and its compounds

SUBJECT: Biology

FIRST TERM (MARCH - SEPTEMBER)

MONTH	TOPICS TO BE COVERED
March-April	Ch-1 Transport in plants
May	Ch-6 The circulatory System
July	Ch-2 Reproduction in plants
August	Ch-5 Endocrine system & Adolscence
September	Revision for I Term

Cycle Test I Ch-1 Transport in plants

Cycle Test II Ch-6 The circulatory System

First Term

Ch-1 Transport in plants
Ch-2 Reproduction in plants
Ch-6 The circulatory System

FINAL TERM (OCTOBER - MARCH)

MONTH	TOPICS TO BE COVERED
October	Ch-3 Reproduction in humans
November	Ch-7 Nervous system
December	Ch-8 Diseases and First Aid
January	Revision
February	Final Term

Cycle Test III

Ch-5 Endocrine system and Adolescence

Cycle Test IV

Ch-3 Reproduction in Humans

Final Term

Ch-3 Reproduction in Humans
Ch-5 Endocrine system and Adolescence
Ch-7 Nervous System
Ch-8 Diseases and First Aid

SUBJECT: Geography

FIRST TERM (MARCH - SEPTEMBER)

MONTH	TOPICS TO BE COVERED
March - April	Ch-2 Population Dynamics Ch-3 Migration
May	Ch-4 Urbanisation Ch-5 Natural and Manmade disaster
July	Ch-5 Natural and Man Made Disaster Ch-6 Asia- The Largest Continent

August	Revision
September	Revision

Cycle Test I Ch-2 Population Dynamics

Cycle Test II Ch-5 Natural and Manmade disaster

First Term Ch-2 Population Dynamics
Ch-3 Migration
Ch-4 Urbanisation
Ch-5 Natural and Manmade disaster
Ch-6 Asia- The Largest Continent

FINAL TERM (OCTOBER - MARCH)

MONTH	TOPICS TO BE COVERED
October	Ch-7 (a) India – It’s Geographical Features Ch-7 (b) India – Climate and natural Vegetation
November	Ch-7 (b) India – Climate and Natural Vegetation Ch-8 India – Its Human Resources
December	Ch-1 Representation of Geographical Features
January	Revision
February	Revision

Cycle Test III Ch-7 (a) India – It’s Geographical Features

Cycle Test IV Ch-7 (b) India – Climate and Natural Vegetation

Final Term Ch-7 (a) India – It’s Geographical Features
Ch-7 (b) India – Climate and natural Vegetation
Ch-8 India – Its Human Resources
Ch-1 Representation of Geographical Features

SUBJECT: HISTORY & CIVICS

FIRST TERM (MARCH - SEPTEMBER)

MONTH	TOPICS TO BE COVERED

March-April	L-8 The Great Uprising of 1857 (H) L-3 The American Civil War (H) L-10 The Struggle For Freedom- I (H)
May	L- 10 The Struggle For Freedom (H) L- 11 The Struggle For Freedom – II (H)
July	L- 9 Great Reformers and Reform movements (H)
August	L-9 Great Reformers and Reform movements (H)Contd. Revision
September	Revision

Cycle Test I L-8 The Great Uprising of 1857 (H)

Cycle Test II L-10 Struggle for freedom (I)

First Term L-8 The Great Uprising of 1857
L-3 The American Civil War (C)
L-10 The Struggle For Freedom (I)
L-11 The Struggle For Freedom (II)
L-9 Great Reformers and Reform
Movements (H)

FINAL TERM (OCTOBER - MARCH)

MONTH	TOPICS TO BE COVERED
October	L-4 The United Nations (c) L-5 Traders to Routers- I (H)
November	L-5 Traders to Routers- I (H) contd. L-6 Traders to Routers- II (H) L-2 The Growth of Nationalism (H)
December	L-7 Impact of British rule on India
January	Revision
February	Revision

Cycle Test III L-4 The United Nations (C)

Cycle Test IV L-5 Traders to routers- I (H)
 Final Term L-4 The United Nations (c)
 L-5 Traders to Routers- I (H)
 L-6 Traders to Routers- II (H)
 L-2 The Growth of Nationalism (H)
 L-7 Impact of British Rule on India

SUBJECT: COMPUTER

FIRST TERM (MARCH - SEPTEMBER)

MONTH	TOPICS TO BE COVERED
March-April	Ch-1 Operating system Ch-2 Formulae and functions in Excel
May	Ch-2 Formulae and functions in Excel Ch- 4 Advance features of MS Excel
July	Ch- 4 Advance features of MS Excel Ch-5 Algorithms and flow charts
August	Ch-5 Algorithms and flow charts Revision
September	First term Examination

Cycle Test I Ch-1 Operating system
 Cycle Test II Ch-2 Formulae and functions in Excel
 Ch-4 Advance features of MS Excel
 First Term Ch-1 Operating system
 Ch-2 Formulae and functions in Excel
 Ch- 4 Advance features of MS Excel
 Ch-5 Algorithms and flow charts

FINAL TERM (OCTOBER - MARCH)

MONTH	TOPICS TO BE COVERED
October	Ch- 10 Computer Network Ch-11 Cloud Computing
November	Ch-11 Cloud Computing Ch-9 Working with Apps
December	Ch-9 Working with Apps Ch-6 Introduction to C++
January	Ch-6 Introduction to C++ Revision
February	Final Term Examination

Cycle Test III Ch-10 Computer Network

Cycle Test IV Ch-11 Cloud Computing
Ch-9 Working with Apps

Final Term Ch-6 Introduction to C++
Ch-9 Working with Apps
Ch-10 Computer Network
Ch-11 Cloud Computing

SUBJECT: GENERAL KNOWLEDGE

FIRST TERM (MARCH - SEPTEMBER)

MONTH	TOPICS TO BE COVERED
March- April	Pg 7 to Pg 22
May	Pg 23 to Pg 29
July	Pg 30 to Pg 40
August	Pg 41 to Pg 49
September	I Term Revision

Cycle Test I	Pg 7 to 29 and Current Affairs
Cycle Test II	Pg 30 to 49 and Current Affairs
First Term	Pg 7 to 49 and Current Affairs

FINAL TERM (OCTOBER - MARCH)

MONTH	TOPICS TO BE COVERED
October	Pg 50 to Pg 60
November	Pg 61 to Pg 70
December	Pg 71 to Pg 85
January	Pg 86 to Pg 91 Revision
February	Final Term Revision

Cycle Test III	Pg 50 to 70 and Current Affairs
Cycle Test IV	Pg 71 to 91 and Current Affairs
Final Term	Pg 50 to 91 and Current Affairs

पाठ्यचर्या - विभाजन

कक्षा-आठवीं

विषय - हिंदी

मास का नाम	पुस्तक का नाम	पाठ्य- विषय-विवरण
मार्च-अप्रैल	जूही	पाठ-2 दो डॉक्टर पाठ-5 मनभावन सावन नवीन शिक्षार्थी (व्याकरण) शब्द-विचार, विलोम शब्द,पत्र-लेखन, विज्ञापन-लेखन,निबंध-लेखन,डायरी-लेखन ।
मई	जूही	पाठ -6 पृथ्वी पाठ-9 जीवन नहीं मरा करता है व्याकरण उपसर्ग-प्रत्यय, सर्वनाम अनुच्छेद-लेखन,

नवंबर	जूही	पाठ- 16 पद्य पाठ-17 वीर अभिमन्यु
दिसंबर	जूही	व्याकरण काल, वाक्य-रचना,निबंध-लेखन, प्रतिवेदन, वाच्य पाठ -13 चीनी फेरी वाला पाठ-18 सत्कर्त्तव्य
जनवरी	पुनरावृत्ति	व्याकरण अविकारी शब्द,विराम-चिह्न, पत्र-लेखन,सुर्खियाँ-लेखन
फरवरी	पुनरावृत्ति	
<u>तृतीया इकाई परीक्षा पाठ्यचर्या</u>		
		पाठ - 10 सुभागी, पाठ- 14 जलियाँवाला बाग में बसंत किया,विलोम, पत्र-लेखन, अपठित गद्यांश
<u>चतुर्थी इकाई परीक्षा पाठ्यचर्या</u>		
		पाठ- 16 पद्य ,पाठ-17 वीर अभिमन्यु वाक्य-रचना,निबंध-लेखन, प्रतिवेदन, अपठित पद्यांश
<u>वार्षिकी परीक्षा पाठ्यचर्या</u>		
		पाठ - 10 सुभागी, पाठ -13 चीनी फेरी वाला, पाठ-14जलियाँवाला बाग में बसंत, पाठ- 16 पद्य, पाठ-17 वीर अभिमन्यु, पाठ-18 सत्कर्त्तव्य व्याकरण - किया,वाच्य,काल,वाक्य-रचना,अविकारी शब्द,विराम-चिह्न, पत्र-लेखन,निबंध-लेखन, नोटिस-लेखन, सुर्खियाँ-लेखन,प्रतिवेदन,विलोम शब्द, पर्यायवाची, अनेक शब्दों के लिए एक शब्द, मुहावरे ,अनेकार्थी शब्द, अपठित गद्यांश-पद्यांश

विषय –संस्कृत

पुस्तक का नाम –दीपमणिका

- ★ मार्च-अप्रैल पाठ -1 जलसंरक्षणम् , 'राम'शब्द रूप ,संधि , 'गम्' धातु रूप पाँचों लकारों में , पाठशालासंबंधिनः शब्दाः
- ★ मई पाठ -2 विद्यालयस्य खेलदिवसः, पाठ -3 चलचित्रदर्शनम्, 'पठ्' धातु रूप पाँचों लकारों में
- ★ जुलाई पाठ -4 विद्यालयमेव , 1 से 20 तक गिनती, विलोम-शब्द (1 से 15 तक), 'रमा' शब्द रूप
- ★ अगस्त पाठ -5 सर्वे सन्तु निरामयाः , पाठ -6 मम दिनचर्या, 'खाद्' धातु रूप पाँचों लकारों में
- ★ सितंबर पुनरावृत्ति / अर्धवार्षिकी परीक्षा

★ प्रथमा इकाई परीक्षा पाठ्यचर्या

★ पाठ -1 जलसंरक्षणम् , पाठ -2 विद्यालयस्य खेलदिवसः, 'राम'शब्द रूप ,संधि, 'गम्' धातु रूप पाँचों लकारों में ।

★ द्वितीया इकाई परीक्षा पाठ्यचर्या

★ पाठ -3 चलचित्रदर्शनम्, पाठ -4 विद्यालयमेव, 'रमा'शब्द रूप 'पठ्' धातु रूप पाँचों लकारों में, पाठशालासंबंधिनः शब्दाः ।

★ प्रथमा सत्रीया परीक्षा पाठ्यचर्या

★ पाठ -1 जलसंरक्षणम् पाठ -3 चलचित्रदर्शनम्, पाठ -4 विद्यालयमेव, पाठ -5 सर्वे सन्तु निरामयाः , पाठ-6 मम दिनचर्या, संधि, विलोम-शब्द (1 से 15 तक), 'राम' शब्द रूप, 'पठ्' धातु रूप पाँचों लकारों में , 1 से 20 तक गिनती ।

★ अक्तूबर पाठ -9 अकबरबीरबलयोः कथा, पाठ -10 परिश्रमेण सर्व सिध्यति, 'वद्' धातु रूप पाँचों लकारों में, 16 से 30 विलोम -शब्द

