

# SYLLABUS 2024-25

## CLASS-7

<b>SUBJECT - MATHS - 2024-25</b>	
<b>NAME OF THE BOOK - ESSENTIAL MATHEMATICS - VII</b>	
<b>MONTHS</b>	<b>CHAPTERS</b>
MARCH & APRIL	1. INTEGERS 2. FRACTIONS 3. FUNDAMENTAL CONCEPTS OF GEOMETRY 4. RATIONAL NUMBERS
JUNE & JULY	1. DECIMALS 2. ANGLES 3. EXPONENTS 4. PERIMETERS AND AREA
AUGUST & SEPTEMBER	1. RATION AND PROPORTION 2. FUNDAMENTAL CONCEPTS OF ALGEBRA 3. PARALLEL LINES 4. FUNDAMENTAL OPERATIONS 5. LINEAR EQUATION AND INEQUALITIES
OCTOBER & NOVEMBER	1. CONCEPTS OF SETS 2. BASIC CONSTRUCTION 3. THE UNITARY METHOD AND VARIATION 4. STATISTICS 5. PERCENTAGE
DECEMBER & JANUARY	1. PROFIT AND LOSS 2. TRIANGLES 3. SIMPLE INTEREST 4. SPEED, TIME AND DISTANCE

<b>SUBJECT - CHEMISTRY- 2024-25</b>	
<b>NAME OF THE BOOK - UNDERSTANDING CHEMISTRY - 7</b>	
<b>MONTH</b>	<b>CHAPTERS</b>
MARCH	CHAPTER - 1: MATTER AND ITS COMPOSITION
APRIL	CHAPTER - 2: PHYSICAL AND CHEMICAL CHANGES
JUNE	CHAPTER - 3: ELEMENTS, COMPOUNDS AND MIXTURES
JULY	(CHAPTER - 3 CONTINUE.....) CHAPTER - 4: ATOMIC STRUCTURE
AUGUST	CHAPTER - 5: LANGUAGE OF CHEMISTRY
SEPTEMBER	CHAPTER - 6: METALS AND NON-METALS
OCTOBER	(CHAPTER - 6 CONTINUE.....)
NOVEMBER	CHAPTER - 7: AIR AND ATMOSPHERE

DECEMBER	(CHAPTER - 7 CONTINUE.....)
JANUARY	ALL CHAPTERS REVISIONS
FEBRUARY	COMMENCEMENT OF ANNUAL - 2025 EXAMINATION

<b>SUBJECT - BIOLOGY- 2024-25</b>		
<b>NAME OF THE BOOK - CONCISE BIOLOGY-VII</b>		
<b>MONTH</b>	<b>CHAPTERS</b>	<b>ASSESSMENT</b>
March	Chapter -1	Plant and Animal Tissue
April	Chapter -2	Classification of Animals <b>FIRST ASSESSMENT- CHAPTER 1 &amp; 2</b>
JUNE	CHAPTER -3	CLASSIFICATION OF PLANTS
JULY	CHAPTER -4	PHOTOSYNTHESIS <b>SECOND ASSESSMENT- CHAPTER 3 &amp; 4</b>
AUGUST	CHAPTER -5	RESPIRATION <b>Half Yearly Examination Chapter 1 to Chapter 5</b>
SEPTEMBER	CHAPTER -6	EXCRETION IN HUMANS
OCTOBER	CHAPTER -7	NERVOUS SYSTEM
NOVEMBER	CHAPTER -8	ALLERGY <b>THIRD ASSESSMENT OF CHAPTER 6 AND CHAPTER 7</b>
December		Revision
January		Revision
February	Final Exam	<b>Final Exam (All Chapters)</b>

<b>SUBJECT - HISTORY &amp; CIVIC - 2024-25</b>	
<b>NAME OF THE BOOK - ICSE HISTORY &amp; CIVICS - VII</b>	
<b>MONTHS</b>	<b>CHAPTERS</b>
MARCH	LESSON-1- MEDIEVAL EUROPE - RISE AND SPREAD OF CHRISTIANITY. LESSON-2- RISE AND SPREAD OF ISLAM.
APRIL	LESSON-11- THE CONSTITUTION OF INDIA. LESSON-3- THE FOUNDATION DELHI SULTANATE.
JUNE	LESSON-4- THE TUGHLAQ, SAYYIDS AND LODI'S
JULY	LESSON-5- INDIA UNDER THE DELHI SULTANATE. LESSON-12- FUNDAMENTAL RIGHTS AND DUTIES. LESSON-6- THE VIJAYANAGAR AND BAHAMANI KINGDOMS.
AUGUST	LESSON-13- DIRECTIVE PRINCIPLES OF STATE POLICY.
SEPTEMBER	LESSON-7- BEGINNING OF MUGHAL RULE IN INDIA.
OCTOBER	LESSON-8- AKBAR THE GREAT - A CASE STUDY.

NOVEMBER	LESSON-9- LATER MUGHAL.
DECEMBER	LESSON-10- MAKING OF COMPOSITE CULTURE - BHAKTI AND SUFI MOVEMENT.
JANUARY	REVISION
FEBRUARY	ANNUAL EXAMINATION

<b>SUBJECT - GEOGRAPHY- 2024-25</b>	
<b>NAME OF THE BOOK: MY BOOK GEOGRAPHY (7)</b>	
<b>MONTHS</b>	<b>CHAPTERS</b>
MARCH AND APRIL	CHAPTER-1: REPRESENTATION OF GEOGRAPHICAL FEATURES CHAPTER-2: ATMOSPHERE
JUNE AND JULY	CHAPTER-5: WEATHERING AND AOIL FORMATION CHAPTER-3: GREEN HOUSE EFFECT
AUGUST AND SEPTEMBER	CHAPTER-6: INDUSTRIES CHAPTER-7: ENERGY AND POWER RESOURCE
OCTOBER AND NOVEMBER	CHAPTER-10: AFRICA CHAPTER-12: STUDY OF THE CONTINENT CASE STUDY
DECEMBER AND JANUARY	CHAPTER-4: WEATHER AND CLIMATE CHAPTER-8: EUROPE MAP OF EUROPE

<b>SUBJECT - ENGLISH LANGUAGE- 2024-25</b>	
<b>NAME OF THE BOOK - COLLINS ENGLISH GRAMMAR AND COMPOSITION</b>	
<b>MONTHS</b>	<b>CHAPTERS</b>
JUNE & JULY	1. TRANSFORMATION OF SENTENCES 2. QUESTION TAGS 3. AGREEMENT OF VERB GENERAL IDEA: NOUNS, PRONOUNS, PRONOUNS, PUNCTUATIONS, THE SENTENCE
AUGUST & MID SEPTEMBER	4. TRANSITIVE AND INTRANSITIVE VERB 5. INFORMAL LETTER WRITING 6. NOTICE WRITING GENERAL IDEA: VERBS (MODALS)
MID SEPTEMBER & OCTOBER	7. DEGREES OF COMPARISONS OF ADJECTIVES 8. PICTURE COMPOSITION/COMPOSITION GENERAL IDEA: WRITING A PARAGRAPH, STORY, ESSAY: ADJECTIVES

NOVEMBER & DECEMBER	9. ACTIVE AND PASSIVE VOICE 10. TENSE (SIMPLE, PERFECT, CONTINUOUS, PERFECT CONTINUOUS) 11. FIGURES OF SPEECH
JANUARY & FEBRUARY	12. DIRECT INDIRECT SPEECH 13. CONJUNCTIONS
MARCH	14. PREPOSITIONS 15. COMPREHENSION
EXTRA CHAPTERS: PHRASES, CLAUSES, SMILE, COMPOUND AND COMPLEX SENTENCES, WRITING EMAILS, MAKING A POSTER.	

<b>SUBJECT - ENGLISH LITERATURE- 2024-25</b>	
<b>NAME OF THE BOOK - NEW OXFORD MODERN ENGLISH (CLASS-7)</b>	
<b>MONTHS</b>	<b>CHAPTERS</b>
JUNE & JULY	1. LIGHT IN THE NIGHT - CLAIRE HORSBURGH NO! - THOMAS HOOD 2. JANUARY NIGHT - PREMCHAND EVENING ON A MOUNTAIN - ADIL JUSSAWALLA
AUGUST & MID SEPTEMBER	3. THE STORY OF AN INVITATION - L.M. MONTGOMERY THE NAMING OF CATS - T.S. ELIOT 4. TOM SAWYER AND HUCKLEBERRY FINN - MARK TWAIN THE LISTENERS - WALTER DE LA MARE
MID SEPTEMBER & OCTOBER	5. THE SRI KRISHNA EATING HOUSE- ANITA DESAI WAITING - RABINDRANATH TAGORE
NOVEMBER & DECEMBER	6. THE MACHINE STOPS - E.M. FORSTER HOME AND LOVE - ROBERT WILLIAM SERVICE
JANUARY & FEBRUARY	7. THE LUMBER - ROOM - SAKI 8. THREE QUESTIONS - LEO TOLSTOY THE LAKE ISLE OF INNISFREE - W.B. YEATS
MARCH	9. THE PICTURE FRAME - NICHOLAS HORSBURGH DAFFODILS - WILLIAM WORDSWORTH PROJECT: 10 JULIUS CAESAR - V WILLIAL SHAKESPEARE

<b>SUBJECT - COMPUTER SCIENCE- 2024-25</b>			
<b>NAME OF THE BOOK - COMPUTER -O-PEDIA-7</b>			
<b>MONTHS</b>	<b>CHAPTERS</b>	<b>ASSESSMENT</b>	<b>LESSONS TO BE EXAMINED</b>
MARCH	INTRODUCTION TO MS EXCEL 2019		
APRIL	EDITING AND FORMATTING WORKSHEETS	1ST ASSESSMENT	5 & 6

JUNE	NUMBER SYSTEM		
JULY	ARTIFICIAL INTELLIGENCE	2ND ASSESSMENT	2
AUGUST	MALICIOUS SOFTWARE	HALF YEARLY EXAM	2,3 & ARTIFICIAL INTELLIGENCE
SEPTEMBER	INTRODUCTION TO HTML		
OCTOBER	INTRODUCTION TO HTML (CONTD)		
NOVEMBER	ADVANCED FEATURES OF HTML	3RD ASSESSMENT	INTRODUCTION TO HTML
DECEMBER	ADVANCED FEATURES OF HTML (CONTD)		
JANUARY	ETHICS AND SAFETY MEASURES IN COMPUTING		
FEBRUARY		ANNUAL EXAM	INTRODUCTION TO HTML, ADVANCED FEATURES OF HTML, ETHICS AND SAFETY MEASURES IN COMPUTING, MALICIOUS SOFTWARE

<b>SUBJECT - PHYSICS - 2024-25</b>			
<b>NAME OF THE BOOK - A TEXT BOOK OF PHYSICS - VII</b>			
<b>MONTH</b>	<b>CHAPTERS</b>	<b>ASSESSMENT</b>	<b>CHAPTERS TO BE EXAMINED</b>
MARCH	CHAPTER-1 - MEASUREMENT		
APRIL	CHAPTER-2 - MOTION	1ST ASSESSMENT	CHAPTERS – 1 & 2
MAY & JUNE	CHAPTER-3 - SPEED, VELOCITY, ACCELERATION		
JULY	CHAPTER-4 - ENERGY	2 ND ASSESSMENT	CHAPTERS – 3 & 4
AUGUST	CHAPTER-5 - LIGHT	HALF YEARLY EXAMINATION	CHAPTERS – 1,2,3,4,5
SEPTEMBER	CHAPTER-6 - HEAT		
OCTOBER	CHAPTER-7 - SOUND		
NOVEMBER	CHAPTER-8 - MAGNETISM	3 RD ASSESSMENT	CHAPTERS – 6,7,8
DECEMBER	CHAPTER-9 - ELECTRICITY		
JANUARY	REVISION - ELECTRICITY AND REVISION		
FEBRUARY	ALL CHAPTERS	ANNUAL EXAMINATION	ALL CHAPTERS

<b>SUBJECT – VEDIC MATHEMATICS</b>	
<b>NAME OF THE BOOK – VEDIC MATH LEVEL - 3A,3B &amp; 4A,4B</b>	
<b>MONTH</b>	<b>CHAPTERS</b>
MARCH	<ol style="list-style-type: none"> <li>1. DIVISION OF ANY NUMBER BY 5</li> <li>2. DIVISION OF ANY NUMBER BY 25</li> <li>3. DIVISION OF ANY NUMBER BY 9'S SERIES</li> </ol>
APRIL	<ol style="list-style-type: none"> <li>1. DIVISION OF ANY NUMBER BY 50</li> <li>2. DIVISION OF ANY NUMBER BY 125</li> <li>3. DIVISION OF ANY NUMBER BY 99,999,9999</li> </ol>
JUNE	<ol style="list-style-type: none"> <li>1. DIVISION OF ANY NUMBER BY 8 &amp; 98</li> <li>2. DIVISION OF ANY NUMBER BY 11</li> </ol>
JULY	<ol style="list-style-type: none"> <li>1. DIVISION OF ANY NUMBER BY 12 TO 19</li> <li>2. DIVISION BY FACTORS METHOD</li> </ol>
AUGUST	<ol style="list-style-type: none"> <li>1. PERCENTAGE</li> </ol>
SEPTEMBER	<ol style="list-style-type: none"> <li>1. GRAND REVISION</li> </ol>
OCTOBER	<ol style="list-style-type: none"> <li>1. SQUARES ENDING WITH 5</li> <li>2. SQUARING OF DOUBLE DIGIT</li> <li>3. SQUARES ENDING WITH 1</li> </ol>
NOVEMBER	<ol style="list-style-type: none"> <li>1. SQUARES ENDING WITH 4</li> <li>2. SQUARES ENDING WITH 6</li> <li>3. TRIPLE DIGIT SQUARING</li> </ol>
DECEMBER	<ol style="list-style-type: none"> <li>1. DIFFERENT SQUARING METHOD</li> <li>2. SQUARE ROOT</li> <li>3. SUM OF SQUARES</li> <li>4. DIFFERENCE OF SQUARES</li> </ol>
JANUARY	<ol style="list-style-type: none"> <li>1. CUBE</li> <li>2. CUBE ROOT</li> <li>3. SUM OF CUBES</li> <li>4. DIFFERENCE OF CUBES</li> </ol>