

**Class – VII**

**Sub: Mathematics**

**Weekly Syllabus (Tentative)**

**Academic Session 2024-25**

Month	Week	Dates		Days	No of Periods	Chapter	Contents	Syllabus
Mar 24	Block Teaching							
Apr-24	I	01-06	06-Working Saturday (Staff)	05		Ch-1 Integers	<ul style="list-style-type: none"><li>• Introduction of chapter</li><li>• Properties of addition and subtraction of integers</li><li>• Ex 1.1</li></ul>	
	II	08-12	11 – Id-ul-Fitr	04		Ch-1 Integers	<ul style="list-style-type: none"><li>• Properties of addition and subtraction of integers</li><li>• Ex 1.1 ( cont...)</li></ul>	
	III	15-19	14 - Ambedakar Jayanti 17 – Ram Navami 21 - Mahavir Jayanti	04		Ch-1 Integers	<ul style="list-style-type: none"><li>• Multiplication of Integers</li><li>• Ex 1.2</li></ul>	
	IV	22-27	27-Working Saturday (Student)	06		Ch-1 Integers	<ul style="list-style-type: none"><li>• Division of Integers</li><li>• Ex 1.3</li></ul>	
	V	29-30		02		Ch -2	<ul style="list-style-type: none"><li>• Introduction of chapter</li></ul>	

Month	Week	Dates		Days	No of Periods	Chapter	Contents	Syllabus
						Fractions and Decimals	<ul style="list-style-type: none"> <li>Ex 2.1</li> </ul>	
May-24	I	01-03	01-03 : ES-1 (XII)/ CT-1 (X)	03		Ch -2 Fractions and Decimals	<ul style="list-style-type: none"> <li>Ex 2.1 contd</li> <li>Multiplication of fraction by a whole number and a fraction</li> </ul>	ES-1 (XII)/ CT-1 (X) Date: 01-07 May
	II	06-10	06-07 : ES-1 (XII)/ CT-1 (X) 09,10 – The Quest	05		Ch -2 Fractions and Decimals	<ul style="list-style-type: none"> <li>Multiplication of fraction by a whole number and a fraction ( continued)</li> <li>Ex 2.2</li> <li>Division of fraction</li> <li>Ex 2.3</li> </ul>	
	III	13-18	18- Working Saturday (Open House X & XII)	06		Ch -2 Fractions and Decimals	<ul style="list-style-type: none"> <li>About Decimals</li> <li>Multiplication of decimals numbers by 10 ,100 &amp;1000</li> <li>Ex 2.4</li> <li>Division of a decimal number by a whole number and by a decimal number</li> <li>Ex 2.5</li> </ul>	

\*\*\*\*\* SUMMER BREAK 20 MAY -30 JUN 2024 \*\*\*\*\*

Month	Week	Dates		Days	No of Periods	Chapter	Contents	Syllabus
Jul-24	I	01-06	01- School reopens for staff <b>06-Working Saturday (Student)</b>	05		<b>Ch-3 Data Handling</b>	<ul style="list-style-type: none"> <li>• Introduction</li> <li>• Range and arithmetic mean Ex 3.1</li> <li>• Mode and median of the Data Ex 3.2</li> </ul>	<b>PT-I</b> <b>Class VI-X Date: 05 Jul – 12Jul</b>  <b>Ch-1 Integers</b>  <b>Ch-2 Fractions and decimals</b>  <b>ES-2 (XII): 05 Jul – 12Jul</b>
	II	08-12		05		<b>Ch-3 Data Handling</b>	<ul style="list-style-type: none"> <li>• Bar graphs interpretation and drawing</li> <li>• Ex 3.3</li> </ul> <p>Worksheets...</p>	
	III	15-19	<b>17-Muharram</b>	04		<b>Ch-4 Simple Equations</b>	<ul style="list-style-type: none"> <li>• Introduction Ex 4.1</li> <li>• Solving the equations Ex 4.2</li> </ul>	
	IV	22-27	<b>27 – Working Saturday (Students)</b>	06		<b>Ch-4 Simple Equations</b>	<ul style="list-style-type: none"> <li>• Ex 4.2 ( cont....)</li> <li>• Applications of Simple Equations to practical situations</li> <li>• Ex 4.3</li> </ul>	
	V	29-31		03		<b>Ch 5 Lines and Angles</b>	<ul style="list-style-type: none"> <li>• Introduction</li> <li>• Related angles: Complimentary angles, supplementary angles, adjacent angles, linear</li> </ul>	

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							<ul style="list-style-type: none"> <li>pair, vertically opposite angles</li> <li>Ex 5.1</li> </ul>	
Aug-24	I	01-03	<b>03 – Working Saturday (Open House (VI-X), XII)</b>	03		<b>Ch 5 Lines and Angles</b>	<ul style="list-style-type: none"> <li>Ex 5.1 ( cont...)</li> </ul>	
	II	05-09		05		<b>Ch 5 Lines and Angles</b>	Angles made by a transversal line  <ul style="list-style-type: none"> <li>Ex-5.2</li> </ul>	
	III	12-16	<b>15 – Independence Day</b>	04		<b>Ch-10 Algebraic Expression</b>	<ul style="list-style-type: none"> <li>Introduction, coefficients, variables, terms of an expression</li> <li>Monomials, binomials, trinomials</li> <li>Ex 10.1</li> </ul>	
	IV	19-23	<b>19-Raksha Bandhan</b>	04		<b>Ch-10 Algebraic Expression</b>	<ul style="list-style-type: none"> <li>Finding the value of an expression</li> <li>Ex 10.2</li> </ul>	<b>ES-1 (XI):</b>
	V	26-31	<b>26-Janmashtami</b> <b>31-Working Saturday (Students)</b> <b>31-Annual Prize Distribution</b>	05		<b>REVISION</b> <b>REVISION</b>	<b>REVISION FOR MID TERM EXAMS</b>	

Month	Week	Dates		Days	No of Periods	Chapter	Contents	Syllabus
Se-24	I	02-06		05				
	II	09-14	14 – Working Saturday (Students)	06		HALF YEARLY EXAMINATION	<b>Mid Term (PT-II)/ HYE</b> Date 09-24 Sep  <u><b>SYLLABUS FOR MID TERM EXAMS</b></u>  <b>Ch-1 Integers</b>  <b>Ch-2 Fractions and decimals</b>  <b>Ch-3 Data Handling</b>  <b>Ch-4 Simple Equations</b>  <b>Ch-5 Lines and angles</b>  <b>Ch-10 Algebraic expression</b>	
	III	16-21	16-Milad-un-Nabi 21 – Working Saturday (Students)	05	<b>Ch 6 The Triangle and its Properties</b> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Medians of a triangle, altitudes of a triangle</li> <li>• Ex 6.1</li> </ul>			
	IV	23-27		05	<b>Ch 6 The Triangle and its Properties</b> <ul style="list-style-type: none"> <li>• Exterior angle of a triangle and its property</li> <li>• Ex 6.2</li> <li>• Angle sum property of a triangle</li> <li>• Ex 6.3</li> </ul>			

Month	Week	Dates		Days	No of Periods	Chapter	Contents	Syllabus
Oct-24	II	01-05	<b>02-Mahatma Gandhi's Birthday</b> <b>05-Annual Prize Distribution</b>	04		<b>Ch 6</b> <b>The Triangle and its Properties</b>	<ul style="list-style-type: none"> <li>• Inequality property Ex 6.4</li> <li>• Right angle triangle and Pythagoras property</li> </ul>	
	III	07-12	<b>09-13– Autumn Break</b> <b>12- Dussehra</b>	02		<b>Ch 6</b> <b>The Triangle and its Properties</b>	<ul style="list-style-type: none"> <li>• Ex 6.5</li> </ul>	
	IV	14-19	<b>17-Maharishi Valmiki's Birthday</b> <b>19 – Working Saturday (Open House VI-XII)</b>	05		<b>Ch 7</b> <b>Comparing Quantities</b>	<ul style="list-style-type: none"> <li>• Concept of percentage Ex 7.1</li> <li>• Increase and decrease percent, concept of simple interest</li> </ul>	
	V	21-25	<b>20– Karwa Chouth</b>	05		<b>Ch 7</b> <b>Comparing Quantities</b>	<ul style="list-style-type: none"> <li>• Prices related to buying and selling of an item</li> <li>• Increase and decrease percent, concept of simple</li> </ul>	

Month	Week	Dates		Days	No of Periods	Chapter	Contents	Syllabus
							<ul style="list-style-type: none"> <li>interest</li> <li>EX : 7.2</li> </ul>	
	VI	28-31	<b>30-03 Nov – Diwali Break</b>	02		<b>Ch 7 Comparing Quantities</b>	<ul style="list-style-type: none"> <li>Concept of profit and loss</li> <li>Ex 7.2 ( cont...)</li> </ul>	
<b>*** Autumn Break 09-13 Oct 2024 ***</b>								
Nov-24	I	04-09	<b>09 – Working Saturday (Students)</b>	06		<b>Ch- 8 Rational Numbers</b>	<ul style="list-style-type: none"> <li>Introduction of chapter</li> <li>Rational numbers on number line, comparison, positive and negative rational numbers</li> <li>Ex 8.1</li> </ul>	
	II	11-15	<b>12 – Annual Day 15 – Guru Nank’s Birthday</b>	04		<b>Ch- 8 Rational Numbers</b>	<ul style="list-style-type: none"> <li>Operation on rational numbers</li> <li>Addition and Subtraction</li> </ul>	
	III	18-22		05		<b>Ch- 8 Rational Numbers</b>	<ul style="list-style-type: none"> <li>Operation on rational numbers Addition and Subtraction ( cont..)</li> <li>Operation on natural</li> </ul>	<b>PT-II (VI-VIII):</b> 19 Nov-10 Dec  <b>Ch- 6 Triangle and its property</b>

Month	Week	Dates		Days	No of Periods	Chapter	Contents	Syllabus
							numbers: Multiplication and division	<b>Ch- 7 Comparing quantities</b>
	IV	25-30	<b>29,30 – Annual Athletic Meet</b>	06		<b>Ch- 8 Rational Numbers</b>	<ul style="list-style-type: none"> <li>Ex 8.2( cont...)</li> </ul>	
<b>Dec-24</b>	<b>I</b>	02-07	<b>07 – Sports Day</b>	06		<b>Ch -9 Perimeter and area</b>	<ul style="list-style-type: none"> <li>Introduction</li> <li>Area of parallelogram and triangles Ex 9.1</li> </ul>	<b>PT-III (IX):</b> 19 Nov-10 Dec <b>PT-III (X):</b> 14 Nov-25 Nov <b>MPB (XII):</b> 14 Nov-25 Nov
	<b>II</b>	09-13		05		<b>Ch -9 Perimeter and area</b>	<ul style="list-style-type: none"> <li>Circles-circumference and area</li> <li>Ex 9.2</li> </ul>	
	<b>III</b>	16-21	<b>21-Working Saturday, Open House (X &amp; XII)</b>	06		<b>Ch-11 Exponents and powers</b>	<ul style="list-style-type: none"> <li>Introduction, Exponents</li> <li>Ex 11.1</li> </ul>	



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	IV	23	<b>24,25 – Christmas Holidays</b>	01		Ch-11 Exponents and powers	<ul style="list-style-type: none"> <li>Laws of exponent</li> </ul>	
<b>*** Winter Break from 26 Dec to 04 Jan 2025 ***</b>								
Jan-25	I	06-10		05		Ch-11 Exponents and powers	<ul style="list-style-type: none"> <li>Laws of exponents</li> <li>Ex 11.2</li> </ul>	
	II	13-18	<b>18-Working Saturday, Open House (VI-IX, XI)</b>	06		Ch-11 Exponents and powers	<ul style="list-style-type: none"> <li>Ex 11.2 contd.</li> <li>Expressing large numbers</li> <li>Standard form</li> <li>Ex 11.3</li> </ul>	
	III	20-25	<b>25-Citation Ceremony 25-Open House XII 26-Republic Day</b>	06		Ch -12 Symmetry	<ul style="list-style-type: none"> <li>Lines of symmetry for regular polygons</li> <li>Ex 12.1</li> <li>Line symmetry and Rotational symmetry</li> <li>Ex 12.2</li> <li>Ex 12.3</li> </ul>	
	IV	27-31		05		Ch -12 Symmetry  Ch-13 Visualizing solid	<ul style="list-style-type: none"> <li>Ex 12.3 contd.</li> <li>Introduction</li> <li>Faces, edges and vertices</li> <li>Nets for 3D</li> </ul>	

Month	Week	Dates		Days	No of Periods	Chapter	Contents	Syllabus
						shapes	shapes • Ex 13.1	
Feb-25	I	01	01 – Farewell XII 01- Open House X	01		Ch-13 Visualizing solid shapes	• Ex 13.1( cont)	
	II	03-07		05		Ch-13 Visualizing solid shapes	<ul style="list-style-type: none"> <li>Drawing solids on a flat surface</li> <li>Isometric sketches</li> <li>Ex 13.2</li> <li>Viewing different sections of a solid</li> <li>Ex 13.3</li> </ul>	<b>Annual Exam Class IX &amp; XI – 05 Feb-19 Feb 2025</b>  <u>Syllabus for Annual Exam</u>
	III	10-14		05		Ch-13 Visualizing solid shapes  REVISION	<ul style="list-style-type: none"> <li>Shadow play method</li> <li>Ex 13.4</li> </ul> REVISION	Ch-1 Integers  Ch-2 Fractions and decimals  Ch-3 Data Handling  Ch-4 Simple Equations
	IV	17-22	22-Working Saturday (students)	06		REVISION	REVISION	Ch-5 Lines and angles  Ch- 6 The triangle and its properties  Ch-7 Comparing Quantities  Ch-8 Rational numbers  Ch-9 Perimeter and

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								area Ch-10 Algebraic Expressions Ch- 11 Exponents and powers Chapter -12 Symmetry Ch -13 Visualizing solid shapes
	V	24-28	<b>26-Maha Shivratri</b>	04				
Mar-25	<b>Annual Exam Classes VI-VIII – 25 Feb-10 Mar 2025</b>							

**Note: The examination syllabus as mentioned above is to be considered Tentative. The final syllabus for each exam will be uploaded on the website along with the Date Sheet at the time of the examination.**