

Annual & Weekly Syllabus Split-Up - 2026-27

Grade XII

Subject: APPLIEDMATH (241)

S.No	Month	No. of Working Days	No. of Days	Topic	Sub Topic	Teaching Aids/Resources	Classroom teaching Video Link	Activities	Art Integrated project	Pedagogy Process/Teaching Strategy	Chapterwise Notes link	Assessment	
1	APRIL	25	Week 1		<i>Differentiation</i>	Differentiation of Implicit function, Parametric function,	Sensilite Board, M.L. Bhargava, M.L. Agrawal and CBSE study Material	<a href="https://youtu.be/qdp8iHDMa1w?si=bnSVNb6DtyyOGwPt">https://youtu.be/qdp8iHDMa1w?si=bnSVNb6DtyyOGwPt</a>	Discussion, Problem solving and Worksheet discussion		Maxims of teaching	<a href="https://drive.google.com/file/d/1hG_1WISO_315qOd7fa65oWmoxSTovmk/view?usp=drive_link">https://drive.google.com/file/d/1hG_1WISO_315qOd7fa65oWmoxSTovmk/view?usp=drive_link</a>	Oral
			Week 2	6	Differentiation	Lograthemic differentiation, High order derivatives	Sensilite Board, M.L. Bhargava, M.L. Agrawal and CBSE study Material	<a href="https://youtu.be/qdp8iHDMa1w?si=bnSVNb6DtyyOGwPt">https://youtu.be/qdp8iHDMa1w?si=bnSVNb6DtyyOGwPt</a>	Discussion, Problem solving and Worksheet discussion		Maxims of teaching	<a href="https://drive.google.com/file/d/1hG_1WISO_315qOd7fa65oWmoxSTovmk/view?usp=drive_link">https://drive.google.com/file/d/1hG_1WISO_315qOd7fa65oWmoxSTovmk/view?usp=drive_link</a>	JIT
			Week 3	5	Differentiation and Application	Marginal cost Marginal revenue, Increasing decreasing function maxima minima	Sensilite Board, M.L. Bhargava, M.L. Agrawal and CBSE study Material	<a href="https://youtu.be/qdp8iHDMa1w?si=bnSVNb6DtyyOGwPt">https://youtu.be/qdp8iHDMa1w?si=bnSVNb6DtyyOGwPt</a>	Discussion, Problem solving and Worksheet discussion		Maxims of teaching	<a href="https://drive.google.com/file/d/1hG_1WISO_315qOd7fa65oWmoxSTovmk/view?usp=drive_link">https://drive.google.com/file/d/1hG_1WISO_315qOd7fa65oWmoxSTovmk/view?usp=drive_link</a>	Quiz
			Week 4	6	Integration	Basic Intefgration, Indefinite Integral, Definite Integrals	Sensilite Board, M.L. Bhargava, M.L. Agrawal and CBSE study Material		Discussion, Problem solving and Worksheet discussion		Maxims of teaching	<a href="https://drive.google.com/file/d/1hG_1WISO_315qOd7fa65oWmoxSTovmk/view?usp=drive_link">https://drive.google.com/file/d/1hG_1WISO_315qOd7fa65oWmoxSTovmk/view?usp=drive_link</a>	Oral
			Week 5	4	<b>Integration and Its Application</b>	Consumer surplus, producer surplus	Sensilite Board, M.L. Bhargava, M.L. Agrawal and CBSE study Material		Discussion, Problem solving and Worksheet discussion		Maxims of teaching	<a href="https://drive.google.com/file/d/1hG_1WISO_315qOd7fa65oWmoxSTovmk/view?usp=drive_link">https://drive.google.com/file/d/1hG_1WISO_315qOd7fa65oWmoxSTovmk/view?usp=drive_link</a>	JIT
2	JUNE	20	Week 1	0						Maxims of teaching			
			Week 2	6	Differential Equation	Introduction to D. Eqn., formulating and solving.	Sensilite Board, M.L. Bhargava, M.L. Agrawal and CBSE study Material		Discussion, Problem solving and Worksheet discussion		Maxims of teaching	<a href="https://drive.google.com/file/d/1hG_1WISO_315qOd7fa65oWmoxSTovmk/view?usp=drive_link">https://drive.google.com/file/d/1hG_1WISO_315qOd7fa65oWmoxSTovmk/view?usp=drive_link</a>	Oral
			Week 3	6	Differential Equation	Methods to solve differential equation	Sensilite Board, M.L. Bhargava, M.L. Agrawal and CBSE study Material		Discussion, Problem solving and Worksheet discussion		Maxims of teaching	<a href="https://drive.google.com/file/d/1hG_1WISO_315qOd7fa65oWmoxSTovmk/view?usp=drive_link">https://drive.google.com/file/d/1hG_1WISO_315qOd7fa65oWmoxSTovmk/view?usp=drive_link</a>	

			Week 4	6	Numbers Quantafication, and Numericals	Modulo Arithmetic, Alligation and Mixtures	Sensilite Board, M.L. Bhargava, M.L. Agrawal and CBSE study Material		Discussion, Problem solving and Worksheet dicussion		Maxims of teaching	<a href="https://drive.google.com/file/d/1hG_1WISO_315qOd7fa65oWmoxSTovmvk/viEW?usp=drive_link">https://drive.google.com/file/d/1hG_1WISO_315qOd7fa65oWmoxSTovmvk/viEW?usp=drive_link</a>	<b>quiz</b>	
			Week 5	2	Numbers Quantafication, and Numericals	Boats and Streams, Pipe and Cistern	Sensilite Board, M.L. Bhargava, M.L. Agrawal and CBSE study Material		Discussion, Problem solving and Worksheet dicussion		Maxims of teaching	<a href="https://drive.google.com/file/d/1hG_1WISO_315qOd7fa65oWmoxSTovmvk/viEW?usp=drive_link">https://drive.google.com/file/d/1hG_1WISO_315qOd7fa65oWmoxSTovmvk/viEW?usp=drive_link</a>	JIT	
3	JULY	27	Week 1	4	<b>Numerical Inequalities</b>	Solve the Numerical inequalities	Sensilite Board, M.L. Bhargava, M.L. Agrawal and CBSE study Material		Discussion, Problem solving and Worksheet dicussion		Maxims of teaching	<a href="https://drive.google.com/file/d/1hG_1WISO_315qOd7fa65oWmoxSTovmvk/viEW?usp=drive_link">https://drive.google.com/file/d/1hG_1WISO_315qOd7fa65oWmoxSTovmvk/viEW?usp=drive_link</a>	Oral	
			Week 2	6	Algebra of Matrices	Introction to Matrices, Transpose of Matrices	Sensilite Board, M.L. Bhargava, M.L. Agrawal and CBSE study Material		Discussion, Problem solving and Worksheet dicussion		Maxims of teaching	<a href="https://drive.google.com/file/d/1hG_1WISO_315qOd7fa65oWmoxSTovmvk/viEW?usp=drive_link">https://drive.google.com/file/d/1hG_1WISO_315qOd7fa65oWmoxSTovmvk/viEW?usp=drive_link</a>	JIT	
			Week 3	6	Algebra of Matrices	Algebra of Matrices	Sensilite Board, M.L. Bhargava, M.L. Agrawal and CBSE study Material		Discussion, Problem solving and Worksheet dicussion		Maxims of teaching	<a href="https://drive.google.com/file/d/1hG_1WISO_315qOd7fa65oWmoxSTovmvk/viEW?usp=drive_link">https://drive.google.com/file/d/1hG_1WISO_315qOd7fa65oWmoxSTovmvk/viEW?usp=drive_link</a>	<b>Quiz</b>	
			Week 4	6	Determinants	find the determinants of a square matrix, Inverse of Matrix ,	Sensilite Board, M.L. Bhargava, M.L. Agrawal and CBSE study Material		Discussion, Problem solving and Worksheet dicussion		Maxims of teaching	<a href="https://drive.google.com/file/d/1hG_1WISO_315qOd7fa65oWmoxSTovmvk/viEW?usp=drive_link">https://drive.google.com/file/d/1hG_1WISO_315qOd7fa65oWmoxSTovmvk/viEW?usp=drive_link</a>	<b>quiz</b>	
			Week 5	5	Diterminants	Solving the system of equationusing matrix maethod.	Sensilite Board, M.L. Bhargava, M.L. Agrawal and CBSE study Material		Discussion, Problem solving and Worksheet dicussion		Maxims of teaching	<a href="https://drive.google.com/file/d/1hG_1WISO_315qOd7fa65oWmoxSTovmvk/viEW?usp=drive_link">https://drive.google.com/file/d/1hG_1WISO_315qOd7fa65oWmoxSTovmvk/viEW?usp=drive_link</a>	Oral	
			Week 1	1	<b>Linear Programming</b>	Mathematical formulation of LPP, Graphical method to solve the LPP.	Sensilite Board, M.L. Bhargava, M.L. Agrawal and CBSE study Material		Discussion, Problem solving and Worksheet dicussion		<b>Profit maximize problems</b>	Maxims of teaching	<a href="https://drive.google.com/file/d/1hG_1WISO_315qOd7fa65oWmoxSTovmvk/viEW?usp=drive_link">https://drive.google.com/file/d/1hG_1WISO_315qOd7fa65oWmoxSTovmvk/viEW?usp=drive_link</a>	JIT
			Week 2	6	Linear Programming	Identify the feasible and infeasible region.	Sensilite Board, M.L. Bhargava, M.L. Agrawal and CBSE study Material		Discussion, Problem solving and Worksheet dicussion		<b>Loss minimize problems</b>	Maxims of teaching	<a href="https://drive.google.com/file/d/1hG_1WISO_315qOd7fa65oWmoxSTovmvk/viEW?usp=drive_link">https://drive.google.com/file/d/1hG_1WISO_315qOd7fa65oWmoxSTovmvk/viEW?usp=drive_link</a>	<b>Quiz</b>



